Clarion®

Owner's manual
Mode d'emploi
Manual de instrucciones

FB275BT
FB275BTB

Bluetooth® SD/MP3 RECEIVER
RÉCEPTEUR Bluetooth® SD/MP3
RECEPTOR Bluetooth® SD/MP3

English

CLARION PRODUCT REGISTRATION INFORMATION

For USA and Canada only

Dear Customer:

Congratulations on your purchase of a Clarion mobile electronic products. We are confident that you'll enjoy your Clarion experience.

There are many benefits to registering your product. We invite you to visit our website at **www.clarion.com** to register your Clarion product.

We have made product registration simple with our easy to use website. The registration form is short and easy to complete. Once you're registered, we can keep you informed of important product information.

Register at **www.clarion.com** - it's easy to keep your Clarion product up to date.

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1. FEATURES

- Built in *Bluetooth*® Handsfree (HFP) and audio streaming (A2DP & AVRCP).
- MP3 playback via SD card slot.
- 728-variable color illuminated design.

2. PRECAUTIONS

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to consult the dealer or an experienced radio/TV technician for help.

⚠ CAUTION

USE OF CONTROLS, ADJUSTMENTS, OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN, MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

THE COMPACT DISC PLAYER SHOULD NOT BE ADJUSTED OR REPAIRED BY ANYONE EXCEPT PROPERLY QUALIFIED SERVICE PERSONNEL.

INFORMATION FOR USERS:

CHANGES OR MODIFICATIONS TO THIS PRODUCT NOT APPROVED BY THE MANUFACTURER WILL VOID THE WARRANTY AND WILL VIOLATE FCC APPROVAL.

MODEL [ ] clarion

12V ⎓ 15A max
FM 87.5-107.9MHz

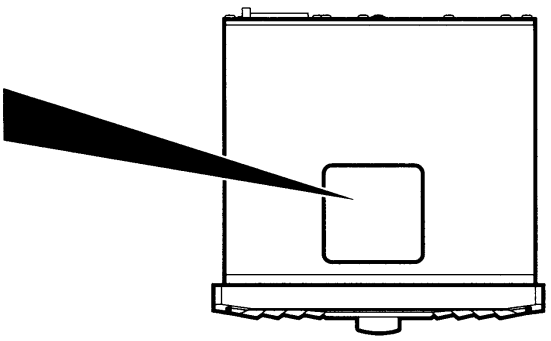
FCC ID: Q2Z[ ]
THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES.
OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:
(1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND
(2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION.

MANUFACTURED: CLARION MALAYSIA

SERIAL No.
PE-8500B

LF

276-[ ]
Clarion Co.,Ltd.
MADE IN MALAYSIA



Bottom View of Source Unit

Warning:
Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

SD Logo is a trademark.

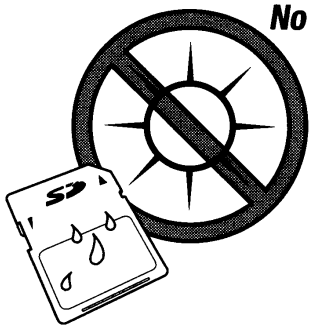
The *Bluetooth*® word mark and logos are owned by the *Bluetooth*® SIG, Inc. and any use of such marks by Clarion Co.,Ltd. is under license. Other trademarks and trade names are those of their respective owners.

English

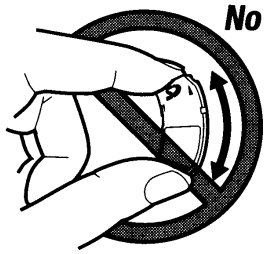
3. HANDLING MEMORY CARD

SD/MMC Memory Card

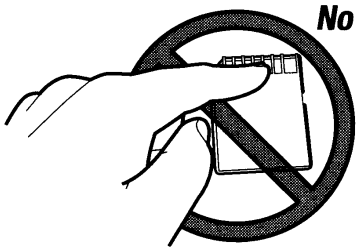
- Do not leave the card in vehicle where there is high temperature or direct sunlight or where electromagnetic waves or electrostatic are easily generated.



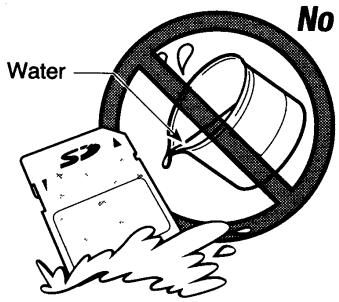
- Do not bend or drop the card. The card or the recorded content may be damaged.



- Do not touch the terminals on the back of the card with your fingers.



- Do not allow dirt, dust or water to enter it.



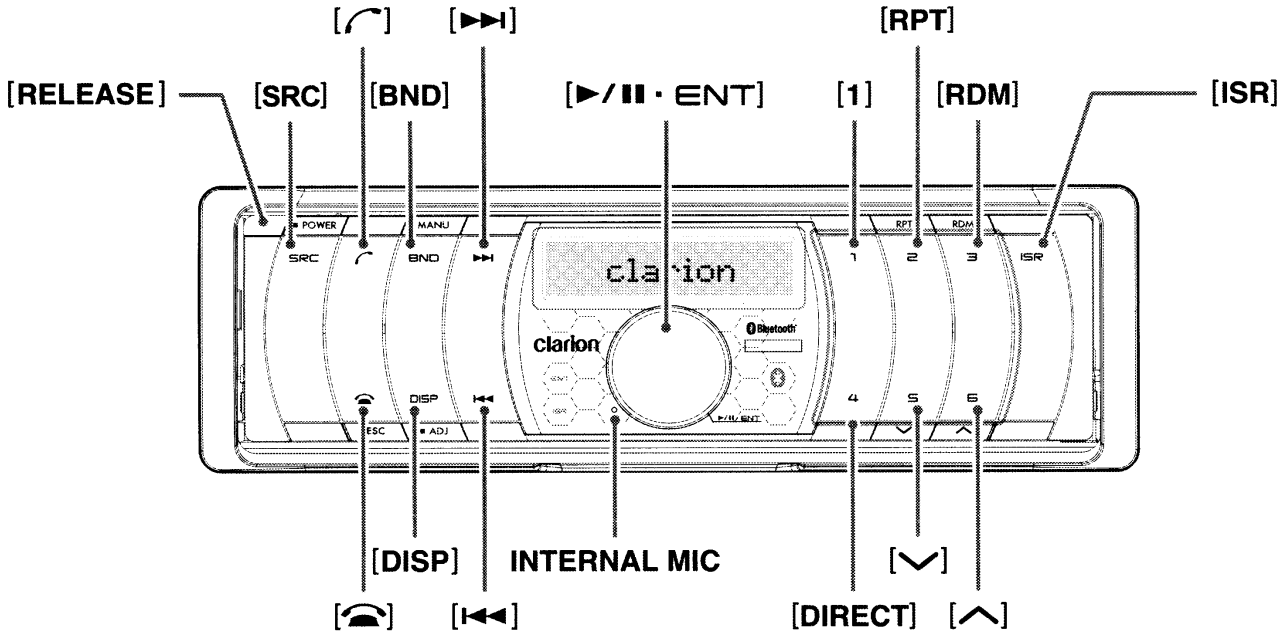
- When the card is being read, do not remove the card.
- After eject operation, always remove the memory card from the slot; otherwise, the flip down panel may not be closed properly.
- After usage, store the supplied memory card in the enclosed case.

Be sure to unfold and read the next page.
Veuillez déployer et vous référer à la page suivante.
Cerciórese de desplegar y de leer la página siguiente.

English Français Español

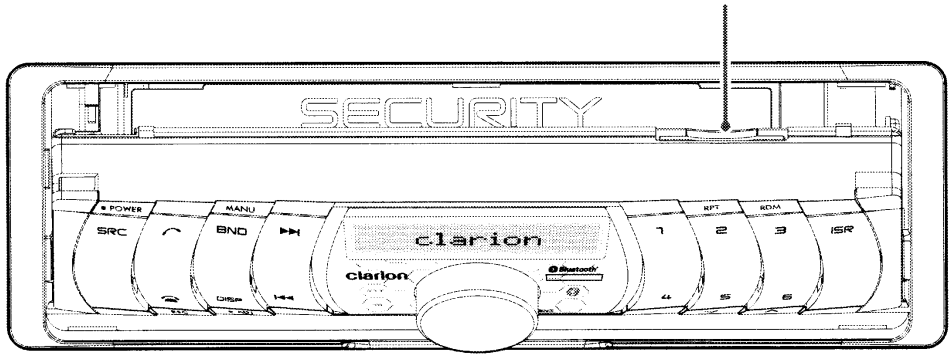
4. CONTROLS / COMMANDES / CONTROLES

MAIN UNIT / APPAREIL PRINCIPAL / UNIDAD PRINCIPAL



With the FLIP DOWN PANEL opened / Ouvrez le PANNEAU RABATTABLE / Apertura del PANEL ABATIBLE

SD/MMC MEMORY CARD SLOT
FENTE DE CARTE MÉMOIRE SD/MMC
RANURA PARA TARJETA DE MEMORIA SD/MMC



Note: Be sure to unfold this page and refer to the front diagrams as you read each chapter.
Remarque: Veuillez déplier cette page et vous référer aux schémas quand vous lisez chaque chapitre.
Nota: Cuando lea los capítulos, despliegue esta página y consulte los diagramas.

English

5. NOMENCLATURE

Notes:
- Be sure to read this chapter referring to the front diagrams of chapter "**4. CONTROLS**" on page 5.
- SD is the abbreviation of Secure Digital Card while MMC is the abbreviation of Multimedia card.

Names of the Buttons and Their Functions

SD/MMC MEMORY CARD SLOT
- SD/MMC memory card insertion slot.

[RELEASE] button
- Deeply push in the button to unlock the flip down panel.

[►/II · ENT] knob
- Adjust the volume by turning the knob clockwise or counterclockwise.
- Press and hold the knob for 1.5 seconds or longer to perform auto store in the Radio mode.
- Play or pause a track while in the SD/BT Audio mode.
- Press and hold the knob for 1.5 seconds or longer to perform manual navigation in the SD mode.
- Perform next level adjustment or selection in the Adjustment mode.
- Perform various settings.

INTERNAL MIC
- Built-in internal microphone.

[SRC] button
- Press the button to turn on the power.
- Press and hold the button for 1.5 seconds or longer to turn off the power.
- Switch the Operation mode among the Radio mode, SD mode, BT Audio mode and AUX mode.

[ ] button
- Accept an incoming call or make outgoing call.

[ ] button
- Reject an incoming call or end a call.
- Cancel current operation.

[BND] button
- Switch the band while in the Radio mode.
- Press and hold the button for 1.5 seconds or longer to toggle seek/manual tuning.
- Play the first track in current folder while in the SD mode.
- Press and hold the button for 1.5 seconds or longer to play the first track in the memory card.

[DISP] button
- During SD mode, switch the display indication in the following order:
  Track Name → Folder Name → Title Tag → Album Tag → Artist Tag → Track Name...
- Press and hold the button for 1.5 seconds or longer to enter the Adjustment mode.

[I◄◄, ►►I] buttons
- Seek a station while in the Radio mode or select a track when listening to a SD/BT Audio mode.
- These buttons are also being used to make various settings.

[1] button
- Restart current track in the SD mode.

[RPT] button
- Perform track repeat play while in the SD mode.
- Press and hold the button for 1.5 seconds or longer to perform folder repeat play while in the SD mode.

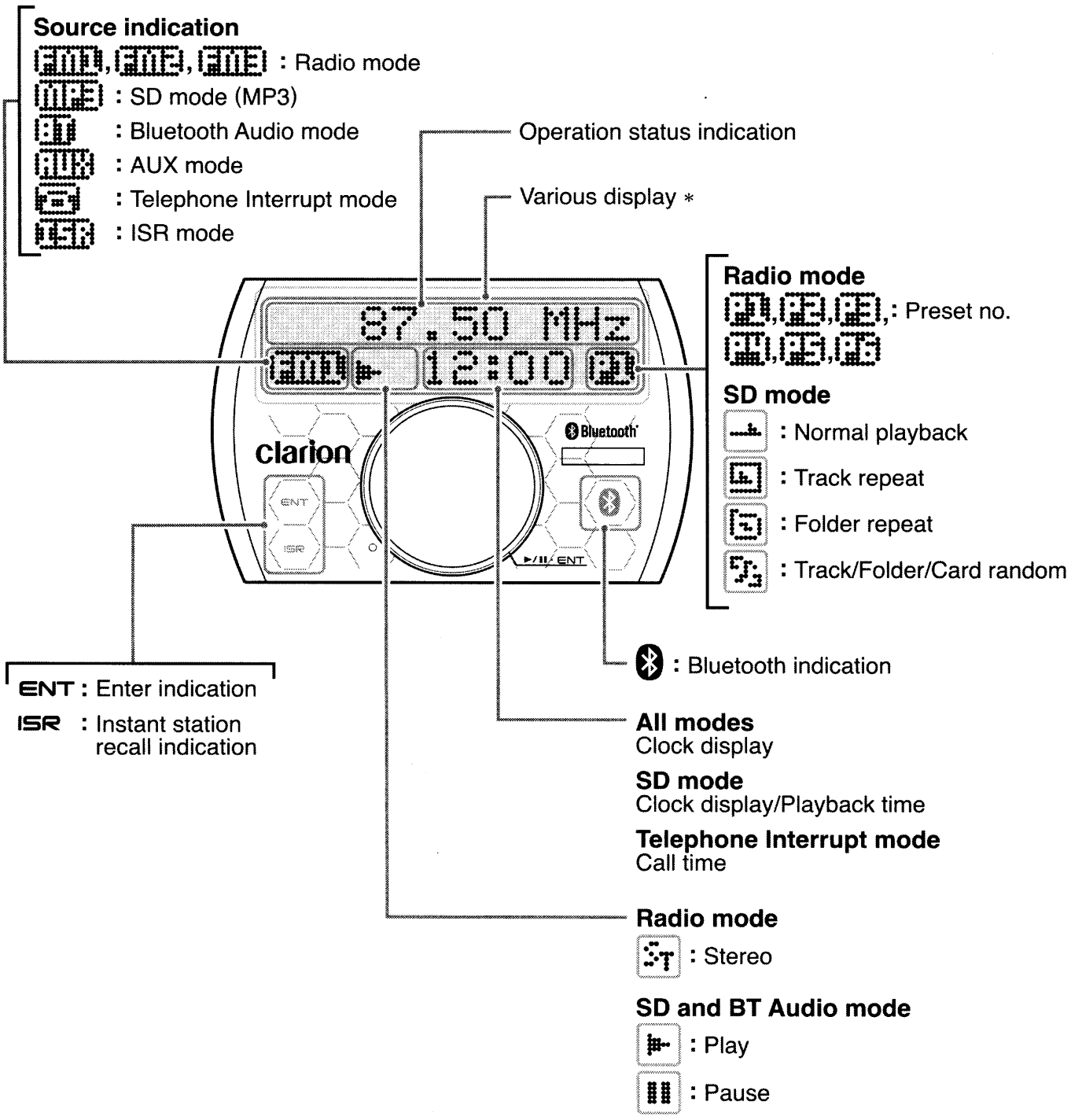
[RDM] button
- Perform track random play while in the SD mode.
- Press the button to toggle track random/folder random/card random/random off while in the SD mode.
- Press and hold the button for 1.5 seconds or longer to perform quick random folder play.

[ ], [ ] buttons
- Select the folder in the SD mode.

[DIRECT] buttons
- Store a station into memory or recall it directly while in the Radio mode.
- Store a telephone number into memory or recall it directly while in the Telephone mode.

[ISR] button
- Recall ISR radio station in memory.
- Press and hold for 1.5 seconds or longer: Store current station into ISR memory (Radio mode only).

Display Items



* Some of the modes will change the whole display such as volume, Adjustment mode and file navigation.

LCD Screen

In extreme cold, the screen movement may slow down and the screen may darken, but this is normal. The screen will recover when it returns to normal temperature.

Please take note that reflection of the screen cover may increase due to direct sunlight exposure, thus this might decrease the visibility of the LCD screen.

English

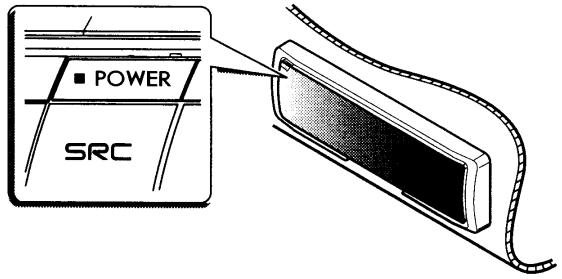
6. DCP (Detachable Control Panel)

The control panel can be detached to prevent theft. When detaching the control panel, store it in the DCP (Detachable Control Panel) case to prevent scratches.

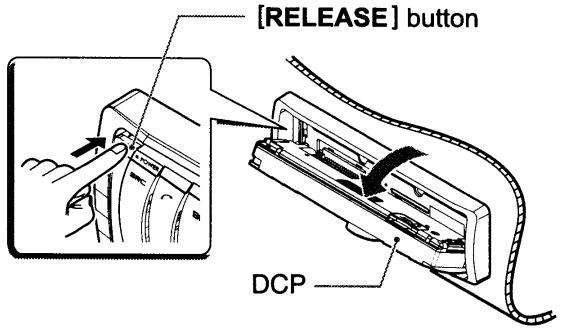
We recommend taking the DCP with you when leaving the car.

Removing the DCP

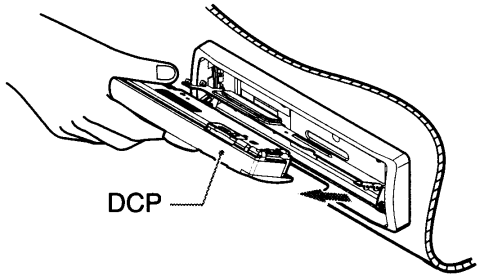
1. Press the **[SRC]** button for 1.5 seconds or longer to switch off the power.



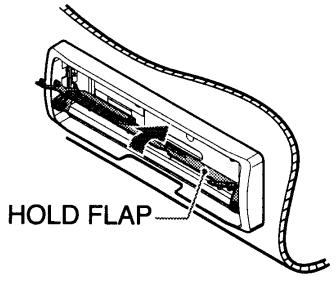
2. Press in the **[RELEASE]** button.
   * The flip down panel can only be opened up to 65°, please do not forcibly push to open further.



3. Pull the DCP toward you and remove it.

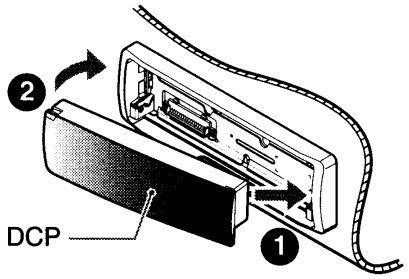


4. Close the HOLD FLAP.



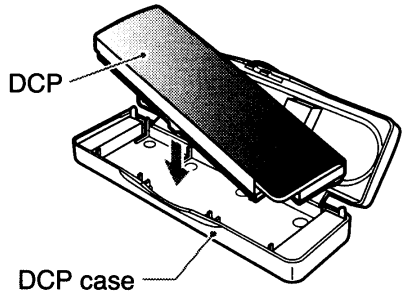
Attaching the DCP

1. Insert the right side of the DCP into the main unit.
2. Insert the left side of the DCP to attach into the main unit.



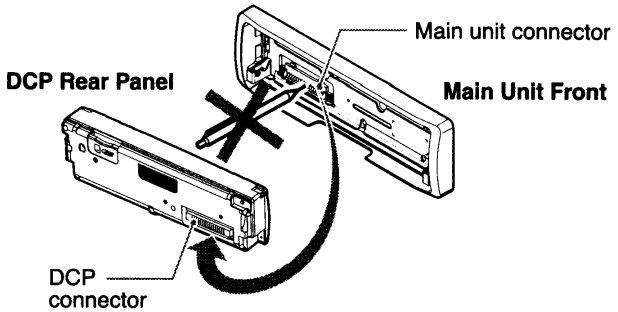
Storing the DCP in the DCP case

Hold the DCP, in the orientation as shown in the figure below, and put it into the supplied DCP case. (Ensure the DCP is in the correct orientation.)



⚠ CAUTION

- **The DCP can easily be damaged by shock. After removing it, be careful not to drop it or subject it to strong shocks.**
- **The connector connecting the main unit and the DCP is an extremely important part. Be careful not to damage it by pressing on it with fingernails, pens, screwdrivers, etc.**



Note:

- If the DCP is dirty, wipe off the dirt with a soft, dry cloth only.

7. OPERATIONS

Basic Operations

Note: Be sure to read this chapter referring to the front diagrams of chapter "**4. CONTROLS**" on page 5.

⚠ CAUTION

Be sure to lower the volume before switching off the unit power or the ignition key. The unit remembers its last volume setting. If you switch the power off with the volume up, when you switch the power back on, the sudden loud volume may hurt your hearing and damage the unit.

Turning on/off the power

1. Press the [**SRC**] button.
2. The illumination and display on the unit light up. The unit automatically remembers its last Operation mode and will automatically switch to display that mode.
3. Press and hold the [**SRC**] button for 1.5 seconds or longer to turn off the power for the unit.
   * A welcome animation will be displayed at the first time. This animation can be turned on or off in the Adjustment mode.

Notes:

- Be careful about using this unit for a long time without running the engine. If you drain the car's battery too much, you may not be able to start the engine and this can reduce the service life of the battery.
- The unit will automatically prevent from being turned on the power for a few seconds after power off for internal protection purposes.

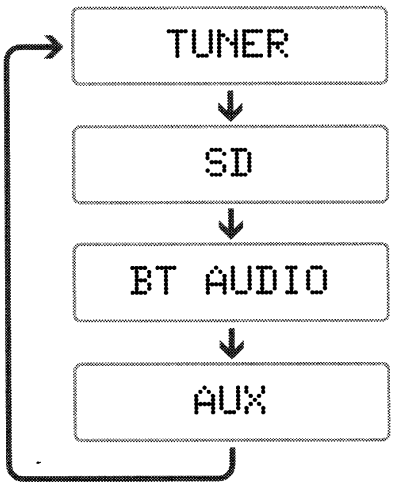
Selecting a mode

1. Press the [**SRC**] button to change the Operation mode.
2. Each time you press the [**SRC**] button, the Operation mode changes in the following order:

   Radio mode → SD mode → (BT Audio mode) → (AUX mode) → Radio mode...

   * AUX mode is only available if AUX is enabled in ADJ mode while BT Audio mode will only be available if there is A2DP connection.

   And the following title will be displayed for a moment each time the mode changes.



Notes:

- There will be screen wipe transition in between if animation is enabled in Adjustment mode.
- If the SD mode is selected when no SD memory card is inserted, the display shows "**NO CARD**".

Switching the display

Press the [**DISP**] button to select the desired display.

When the [**DISP**] button is pressed at the first time, the current display type will be displayed. Further pressing the [**DISP**] button will switch the display in the following order:

● SD mode

"TRACK" → "FOLDER" → "TITLE" → "ALBUM" → "ARTIST" → "TRACK" ...

* Once selected, the preferred display becomes the display default. When a function adjustment such as volume is made, the screen will momentarily switch to that function's display, then revert back to the preferred display several seconds after the adjustment.

Adjusting the volume

Turning the [►/II · ENT] knob clockwise increases the volume; turning it counterclockwise decreases the volume.

"**VOLUME 0**" to "**VOLUME 33**" will be displayed depends on the volume level.

* Factory default setting for volume is "**VOLUME 13**".

AUX function

This system has AUX RCA input in the rear panel where you can listen to sounds and music from external devices connected to this unit.

1. Connect the external music player to the AUX RCA input.
2. Enable the AUX function in Adjustment mode. Please refer "**Setting AUX function**" on page 25 for more details.
3. Press the [**SRC**] button to select the AUX mode to activate the AUX function.

Note:

- Volume can be adjusted through the unit.

Please refer chapter "**Common Operations**" on page 24 for more operation controls.

Radio Operations

Listening to the radio

1. Press the [**SRC**] button and select the Radio mode, then the radio will be on.
2. To select a preset band, press the [**BND**] button, then select one of the preset bands such as FM1, FM2 or FM3. Every time the [**BND**] button is pressed, the display will change as:

   FM1 → FM2 → FM3 → FM1...
3. Press the [I◄◄, ►►I] button to tune in the desired station.

   * Initial frequency display is "**87.50MHz**".

Seek tuning

There are 2 types of seek tuning: DX SEEK and LOCAL SEEK.

DX SEEK can automatically tune in to receivable broadcast stations; LOCAL SEEK can tune in to only broadcast stations with a good reception sensitivity.

1. Press the [**BND**] button and select the desired FM band.

   * Press and hold the [**BND**] button for 1.5 seconds or longer to switch to Auto Seek mode. Make sure "**SEEK TUNE**" is displayed briefly.
2. Press the [I◄◄, ►►I] button to start automatic station tuning.

   When the [►►I] button is pressed, search will be performing in the direction of higher frequencies. When the [I◄◄] button is pressed, search will be performed in the direction of lower frequencies.

● DX SEEK

When the [►►I] button is pressed, search will be performing in the direction of higher frequencies. When the [I◄◄] button is pressed, search will be performed in the direction of lower frequencies.

* When seek tuning starts, "**DX**" appears in the display.

● LOCAL SEEK

If the button is pressed and held in position for 1.5 seconds or longer, local seek tuning will be enabled. Broadcast stations with good reception sensitivity are selected.

* When local seeking starts, "**LO**" appears in the display.

Manual tuning

There are 2 ways available: Quick tuning and step tuning.

When you are in the step Tuning mode, the frequency changes one step at a time. In the Quick Tuning mode, you can quickly tune the desired frequency.

1. Press the [**BND**] button and select the desired FM band.
   * Press and hold the [**BND**] button for 1.5 seconds or longer to switch to Manual Seek mode. Make sure "**MANUAL TUNE**" is displayed briefly.
2. Tune into a station.

● Quick tuning

Press and hold the [◄◄ , ►►] button for 1.5 seconds or longer to begin station tuning.

● Step tuning

Press the [◄◄ , ►►] button to perform manual tuning.

Preset memory function

Preset memory function can store up to 18 stations:
Six stations for each of FM1, FM2, and FM3.

* Factory default setting is empty for all channels.

Manual memory function

1. Press the [**BND**] button, to select a band you want to store in the memory.
2. Press the [◄◄ , ►►] button to tune into a desired station.
3. Press and hold one of the [**DIRECT**] buttons for 1.5 seconds or longer to store the current station into preset memory and "**SAVED**" will be displayed briefly.

Auto store

Auto store is a function for storing up to 6 strongest stations that are automatically tuned in sequentially. If 6 receivable stations cannot be received, a previously stored station remains unoverwritten at the memory position.

1. Push and hold the [►/II · ENT] knob for 1.5 seconds or longer. The stations with good reception are stored automatically to the preset channels.

Notes:

- The stations are stored in FM3 even if FM1 or FM2 was chosen for storing stations.
- The auto store procedure may take up to 40 seconds to complete.

Recalling a preset station

A total of 18 preset positions (6-FM1, 6-FM2, 6-FM3) exists to store individual radio stations in memory. Pressing the corresponding [**DIRECT**] button recalls the stored radio frequency automatically.

1. Press the [**BND**] button and select the desired FM band.
2. Press the corresponding [**DIRECT**] button to recall the stored station.
   * Press and hold one of the [**DIRECT**] buttons for 1.5 seconds or longer to store that station into preset memory.

Note:

- If there is no preset channel stored, "**- -EMPTY- -**" is displayed briefly and reverts to previous frequency display.

Instant station recall (ISR)

Instant station recall is a special radio preset that instantly accesses a favorite radio station at a touch of a button. The ISR function even operates with the unit in other modes.

● ISR memory

1. Select the station that you wish to store in ISR memory during Tuner mode.
2. Press and hold the [**ISR**] button for 1.5 seconds or longer to store the current station into memory and "**SAVED**" will be displayed briefly.

● Recalling a station with ISR

In any mode, press the [**ISR**] button to turn on the radio function and tune the selected radio station. " [ISR] " appears in the display and the " ISR " indicator lit on. Press the [**ISR**] button again to return to the previous mode.

Notes:

- ISR mode cannot be accessed during Adjustment/ Manual Navigation/Telephone mode.
- If there is no station stored in ISR, "**- -EMPTY- -**" is displayed briefly and reverts to previous mode display. "**ISR**" indicator will not be lit on.

MP3 Operations

What is SD/MMC card?

The MultiMediaCard (MMC) and Secure Digital (SD) are flash memory (non-volatile) card format that are used to store large capacity of data in a compact and slim size of media. SD memory cards are based on the older MultiMediaCard (MMC) format with additional features such as write protection switch.

- Memory card that can be played are limited to those recognized as SD or MMC; operation is not guaranteed with all SD memory card from all manufacturers. For SD/MMC memory card compatibility, please consult your nearest Clarion dealer for more information.
- To prevent the accidental loss of data, always back up important data to your computer.
- Audio files playable on this unit are limited to MP3 files. AAC, WMA or other audio formats are not supported.
- This unit doesn't support SDHC (Secure Digital High Capacity) and SDIO (input/output) cards.
- This unit supports SD memory card up to 2GB based on SD Association standard.

What is MP3?

MP3 is an audio compression method and classified into audio layer 3 of MPEG standards. This audio compression method has penetrated into PC users and become a standard format. This MP3 features the original audio data compression to about 12 percent of its initial size with a high quality sound. This means that several music CDs can be recorded on a SD card to allow a long listening time*.

* Depends on the SD card storage capacity.

● Precautions when creating MP3 in SD/MMC card

- Usable sampling rates and bit rates:

MP3	
Decode Format	MPEG 1 and 2 - Layer 3
Sampling Rate (kHz)	MPEG-1 : 32, 44.1, 48 MPEG-2 : 16, 22.05, 24
Bit-rate (kbps)	MPEG-1 : 32 - 320 MPEG-2 : 8 - 160 VBR
SD/MMC Format	FAT12 or FAT16

Folder Level limit : 8 Level

Max. Folder Support : 255

Max. Files Support : 255

Folder Name : Max. 30 Characters

File Name : Max. 30 Characters

● File extensions

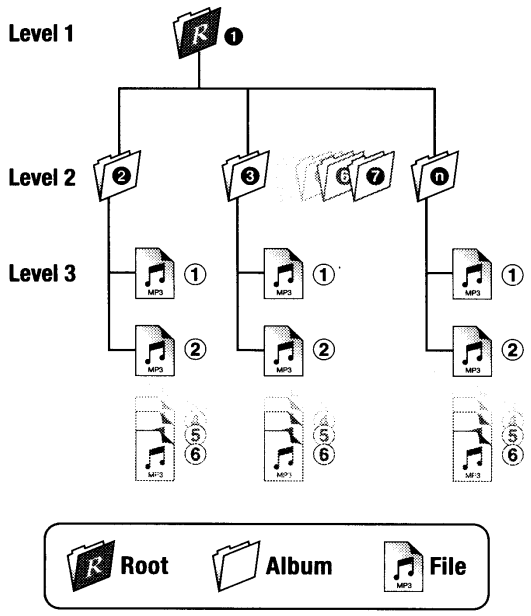
- Always add a file extension "**.MP3**" to MP3 file by using single byte letters. If you add a file extension other than specified or forget to add the file extension, the file cannot be played.
- Never simply change any file extension to "**.MP3**" as this will cause unexpected result and may damage the unit as well. Please use appropriate audio converter to change to valid mp3 files.

● Logical format (File system)

1. When writing MP3 file on a SD/MMC card, please select "**FAT12**" or "**FAT16**" as the system file format. Please be aware that the Windows XP will format any volume of 512MB or larger with FAT32 by default. Thus, if the disk is using "**FAT32**" system file format, please format the disk with "**FAT**" system file format which is "**FAT16**". All the data will be erased during formatting. Thus, please backup your data accordingly.
2. The folder name and file name can be displayed as the title during MP3 play but the title must be within 30 single byte alphabetical letters and numerals (not including a file extension). Longer name will not be displayed.

● Folder structure

1. SD card with a folder having more than 8 hierarchical levels will be impossible. However, the following hierarchical structure is recommended.



Notes:

- "⓷" is a number of folders that are limited to "**Number of files or folders**" conditions.
- Please use subdirectory/subfolder as recommended and avoid placing all the audio files in the root directory.

● Number of files or folders

1. Up to at least 255* files can be recognized per folder.

   Up to at least 255* files can be played.

   * Entries includes sub-folders and MP3 files.
2. Tracks are always sorted alphabetically and played in that order. (Tracks might not always be played in the order displayed on the PC.)
3. Some noise may occur depending on the type of encoder software used while recording.

⚠ CAUTION

- **Never insert foreign objects into the SD/MMC memory card slot as it may cause the unit to break down.**
- **Do not insert memory card other than specify. It may be impossible to extract these cards from the unit and such damage will not be covered by the warranty on this product. If the memory card is not inserted easily, there may be another memory card in the slot or the unit may require service.**
- **This unit is designed for playing SD/MMC card only.**
- **Do not forcibly insert the memory card to the slot with incorrect direction (label side facing down or reverse direction) as this will damage the memory card as well as the SD/MMC MEMORY CARD SLOT.**
- **Do not leave a memory card unattended in an automobile. Exposure to direct sunlight or high temperatures may cause deformation or other malfunction of the memory card.**
- **When the memory card is subjected to electrostatic or electric noise, this may result in the loss of data.**

Loading a memory card

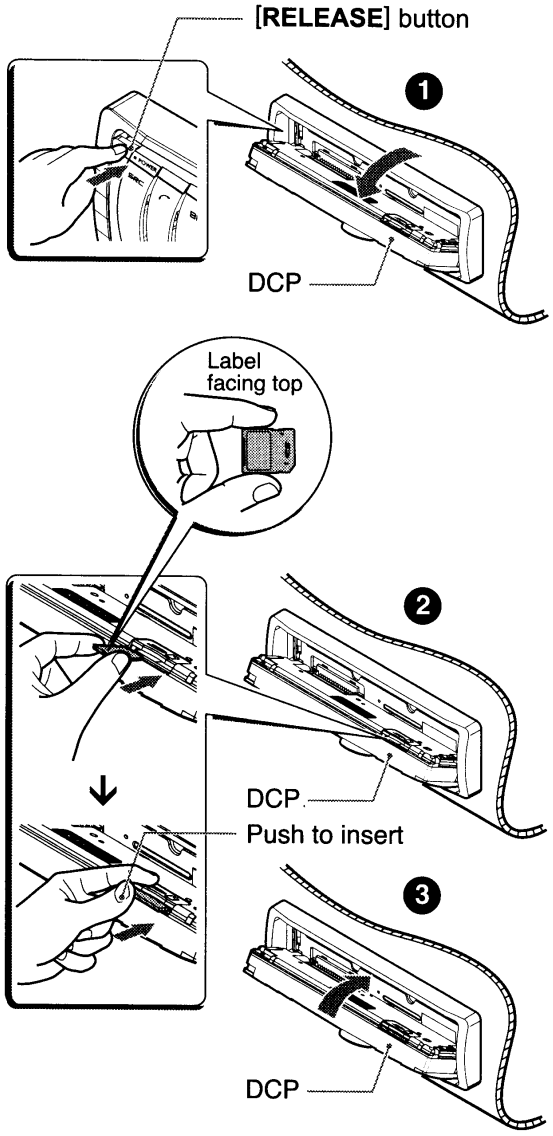
1. Press the [**RELEASE**] button to flip down the panel.
2. Insert a memory card into the SD/MMC MEMORY CARD SLOT with the label side facing up.
3. Close the flip down panel. "**Loading...**" appears in the display, the memory card plays automatically after loading.

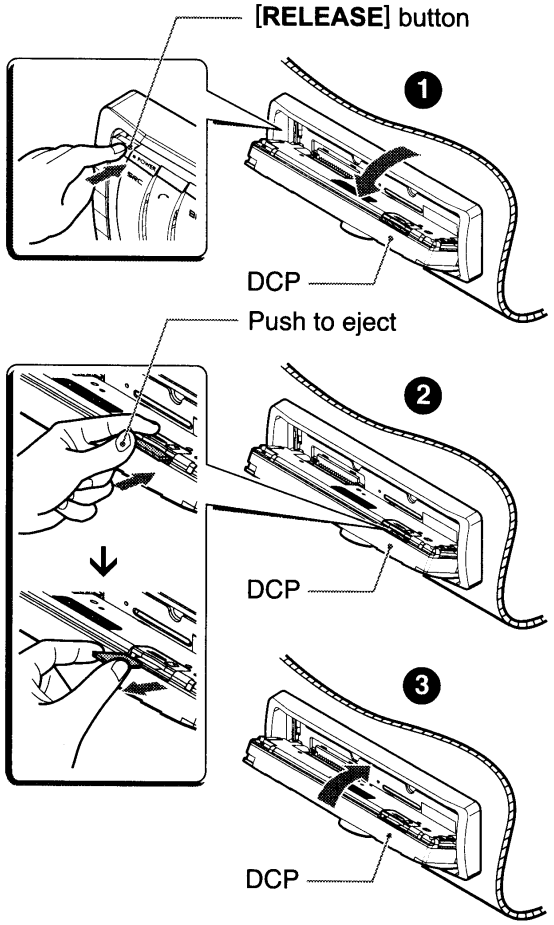
   Playback will begin from the first file recorded on the memory card.

Notes:

- Sound will be muted when panel is flipped. "**FLIPPED**" will be displayed.
- Always insert the memory card fully by pushing it into the slot. Incomplete insertion may cause the memory card not be recognized and flip down panel will not be able to close.
- Depending on the number of tracks and folder structure recorded, some amount of time may be required until all tracks are read into the unit. Thus, please refer chapter "**Folder structure**" on page 13 for recommended folder hierarchy and optimal performance. It is best to avoid folders without MP3 files in memory card as this will increase loading time.

MP3 Operations





Eject function

1. Press the [**RELEASE**] button to flip down the panel.
2. Push the memory card slowly to eject and remove it when ejected.
3. Close the flip down panel after removing the memory card.

Notes:

- SD memory card may pop out during removal.
- If you remove a memory card such as Micro/Mini SD and leaving the SD memory card adapter attached to the unit, it may be hard to remove the adapter alone from the unit later. Thus, always remove both the memory card and adapter together if you are using a memory card adapter.

⚠ CAUTION

- **Do not remove the memory card when the panel is not fully flipped as this may damage the memory card as well as the unit. Remove the card only when it is fully flipped.**
- **Do not drop the memory card into the space of the flipped down panel.**

Listening to a memory card already loaded in the unit

Press the [**SRC**] button to select the SD mode. "SD" indicater will light on.

When the unit enters the SD mode, play starts automatically.

* If there is no memory card loaded, the indication "**NO CARD**" appears in the display.
* If there is no MP3 file is detected, the indication "**NO MP3**" appears in the display.
* The mode changes each time the [**SRC**] button is presssed.

Pausing play

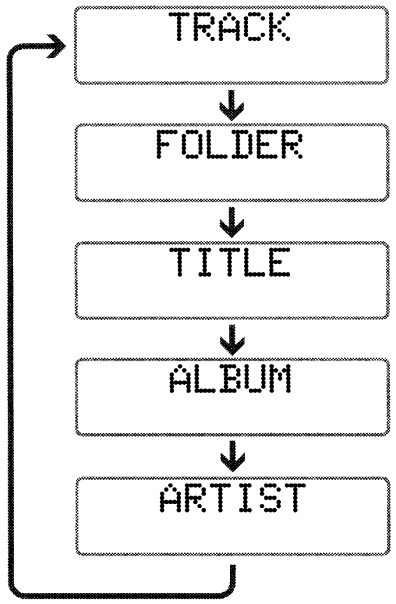
1. Push the [►/II · ENT] knob to pause play. "II" appears in the display.
2. To resume track play, push the [►/II · ENT] knob again. "►" appears in the display.

Display titles

This unit can display title data for the memory card.

1. Press the [**DISP**] button to display current title type.
2. To select the next type, press the [**DISP**] button again.

The arrangement is shown below.



3. Relevant information will be displayed after showing the title type.

Notes:

- If no Artist information, "**NO ARTIST**" will be displayed.
- If a MP3 file encode with ID3 TAG header but not consist of any TAG information, "**unknown**" will be displayed and change according to the following display:
  - If no Album information, the folder name will be displayed.
  - If no Title information, the filename will be displayed.
- Supports ID3 Tags v2.3 and v2.4. Earlier ID3 tags version is ignored but the track is playable.
- Only ASCII characters can be displayed in Tags. UNICODE ID3 (Chinese, Japanese and etc) is not supported.
- If ID3 TAG has Japanese, Chinese or other non-supported characters, "*" will be displayed as substitution.
- The folder name will be displayed as "**(Root)**" which the file allocates in the root directory.

MP3 playing order

When selected for playing folder/track up down functions, files and folders are always accessed in alphabetical order. Due to this, the order in which they are expected to be played may not match the order in which they are actually played. If you do not want the tracks to play in alphabetical order, then you can prefix them with 00, 01, 02 etc. to force them to play in a certain order.

Please refer chapter "**Folder structure**" on page 13 for recommended folder/file hierarchy.

Selecting a track

● Track-up

1. Press the [►►I] button to move ahead to the beginning of the next track.
2. Each time the [►►I] button is pressed, the track advances ahead to the beginning of the next track.

● Track-down

1. Press the [I◄◄] button to move to the beginning of the previous track.
2. Each time the [I◄◄] button is pressed, playback proceeds to previous track in the reverse direction.

Notes:

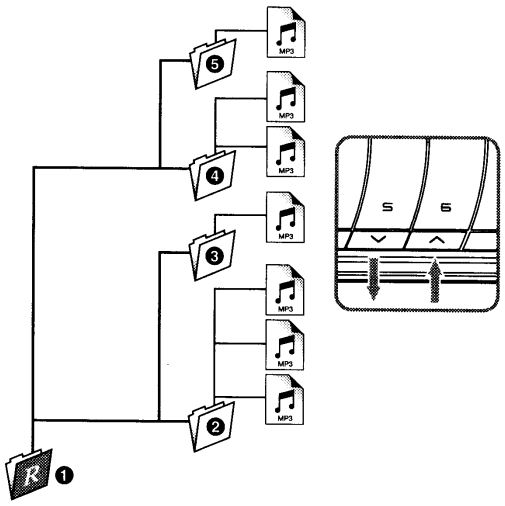
- Previous track across multiple sub-folders may not be always return to the previous song you listen as it will return to the last valid MP3 files of the parent folder.
- Fast forward/fast backward is not supported in this unit.

MP3 Operations

Folder select

This function allows you to select a folder containing MP3 files and start playing from the first track in the folder.

1. Press the [∧] or [∨] button.
2. Press the [∧] button to move the next folder. Press the [∨] button to move the previous folder.



3. Press the [⏮ , ⏭] button to select a track.

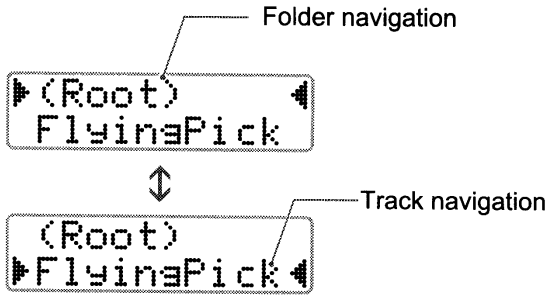
Notes:

- Press the [∧] button while in the final folder will shift to the first folder.
- Press the [∨] button while in the first folder will shift to the last folder.
- Press the [∨] button will always play the last track of previous folder.
- Folder without a MP3 file is not selectable.
- Press and hold the [⏮ , ⏭] button for 1.5 seconds or longer will also perform as folder down/up.

Manual navigation

Alternatively, you can use the Manual Navigation mode to select folder and files. Track will be played directly when the specific track is selected.

1. Push and hold the [▶/⏸ · ENT] knob for 1.5 seconds or longer in SD mode to enter Manual Navigation mode.
2. Press the [⏮ , ⏭] button to select folder or track navigation.



3. Turn the [▶/⏸ · ENT] knob to select folder or track.

   * The track play will take effect immediately.

4. Push the [▶/⏸ · ENT] knob again or press the [☎] button to exit the mode.

Folder Navigation : Search the folders that contains tracks.

Track Navigation : Search tracks within the selected folder.

Notes:

- During searching next/previous folder in folder navigation, amount of time will be required depends on the complexity of folder structure. Animated dots "....." may be appeared in folder navigation during complex folder searching. "**Loading...**" will be displayed if Manual Navigation mode is exit during this searching.
- If no operation is performed for more than 10 seconds, the Manual Navigation mode is cancelled and returns to the previous display.

Restarting current track

This function allows user to play the beginning of the current song again.

1. Press the [1] button to move to the beginning of the current track.

⚠ CAUTION

Track will be automatically restarted after telephone interrupt, audio streaming, DCP flipped and power cycle.

Top function

Return to the first track of the memory card or the folder currently being played back, and start playing.

1. Press the [**BND**] button to play from the first track of the current folder.
2. Press and hold [**BND**] button for 1.5 seconds or longer to play the first track of the memory card.

Note:

- These operations will cancel Track Repeat play and all Random modes.

Special playback functions

By default, all special playback functions are turned off and " " will be displayed.

All the special playback functions will be memorized once activated (except Track repeat play) even after power off.

Repeat mode

● Track repeat play

This function allows you to play the current track repeatedly.

1. Press the [**RPT**] button to perform track repeat play.
2. Press the [**RPT**] button again to cancel track repeat play.

   The " " indicator lights in the display when track repeat play is enabled.

Note:

- Any track/folder selection, card changing and power cycle will cancel track repeat play.

● Folder repeat play

This function allows you to play all tracks in the current folder repeatedly.

1. Press and hold the [**RPT**] button for 1.5 seconds or longer to perform folder repeat play. "**RPT FLDR ON**" will be displayed briefly.
2. Press and hold the [**RPT**] button for 1.5 seconds or longer to cancel folder repeat play. "**RPT FLDR OFF**" will be displayed briefly.

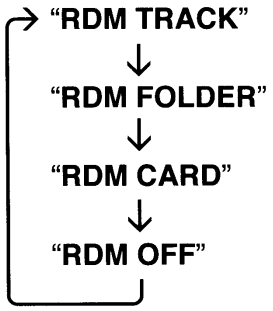
   The " " indicator lights in the display when folder repeat play is enabled.

Note:

- This function will cancel other previous special playback functions such as track repeat and Random mode.

Random mode

There are 3 types of Random mode. When the [**RDM**] button is pressed at the first time, the current Random mode will be displayed. Further pressing the [**RDM**] button will switch the Random mode in the following order:



The " " indicator lights in the display.

● Track random play

This function allows you to play the tracks of current folder randomly.

1. Press the [**RDM**] button to select "**RDM TRACK**".

Notes:

- It will go to next folder after all the tracks in that folder have been played. However, this will depend on folder repeat setting.
- Any track/folder selection will always perform as next random track/folder.

● Folder random play

This function allows you to play all the tracks alphabetically in a random folder.

1. Press the [**RDM**] button to select "**RDM FOLDER**".

Note:

- This function will require some amount of time depends on the complexity of folder hierarchy. Always use the folder hierarchy as recommened in chapter "**Folder structure**" on page 13 for optimal performance.

English

MP3 Operations

● Card random play

This function allows you to play all the tracks of all the folders in a random order.

1. Press the [**RDM**] button to select "**RDM CARD**".

Notes:

- This function will require some amount of time depends on the complexity of folder hierarchy. Always use the folder hierarchy as recommened in chapter "**Folder structure**" on page 13 for optimal performance.
- Any track/folder selection will always perform as next random track/folder.

● To cancel random play

1. Press the [**RDM**] button to select "**RDM OFF**".

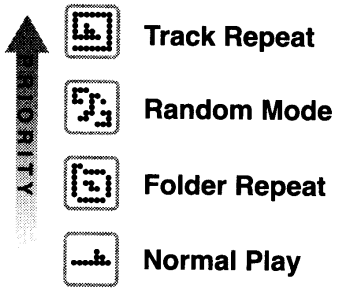
● Quick random folder play

This function will perform a single jump to a random folder but do not affect current Random or Folder Repeat settings.

1. Press and hold the [**RDM**] button for 1.5 seconds or longer to perform quick random folder play.

Special playback priority

The icon will be displayed according to the selected special playback with the following priorities. It will return to previous special playback setting after the current special playback function is turned off.



Introduction to Bluetooth® Wireless Technology

What is Bluetooth® wireless technology?

Bluetooth® wireless technology is a radio technology that connects devices, such as mobile phones and headsets, without wires or cords over a short distance of approximately 10 meters (approx. 33 feet). Get more information at **www.bluetooth.com.**

What is Bluetooth® wireless profiles?

Bluetooth® wireless profiles are the different ways that *Bluetooth*® devices communicate with other devices. *Bluetooth*® phones normally support the hands-free profile (HFP). In order to support a certain profiles, a phone manufacturer must implement certain mandatory features within the phone's software. The followings are the currently supported profiles for the main unit:

● Hands-Free Profile (HFP)

This is commonly used to allow car hands-free kits to communicate with mobile phones in the car. The *Bluetooth*® car kits allow users with Bluetooth-equipped mobile phones to make use of some of the phone's features.

● Advanced Audio Distribution Profile (A2DP)

This allows you to send CD quality stereo music from external audio player to car stereo without wires. A2DP is able to provide crystal clear music without the hassle of plugging cables. *Bluetooth*® Wireless Technology with A2DP makes mobile phones, pda's and computers capable of streaming music.

● Audio Video Remote Control Profile (AVRCP)

This enables music from *Bluetooth*® audio player to be controlled remotely. AVRCP allows some basic playback control functions such as play/pause, volume up/down and next/previous track to a *Bluetooth*® audio player.

What is pairing?

With a mobile phone featuring *Bluetooth*® technology, you must '**pair**' the main unit with the phone/*Bluetooth*® audio device before you use it for the first time.

Pairing creates a unique and encrypted link between two *Bluetooth*® devices and lets them communicate with each other eliminating the need to repeat the pairing process during future use. *Bluetooth*® devices will not work if the devices have not been paired. This car stereo is able to hold up to 8 devices of pairing information.

What is passkey?

Passkey or PIN is a code that you enter on your mobile phone to pair it with the main unit. This makes your phone/*Bluetooth*® audio device and the main unit recognizes each other and automatically works together. The default passkey for this unit is '**0000**'.

Pairing with a mobile phone

1. Enable pairing mode in the car stereo. Please refer "**Adding a new device (Pairing mode)**" on page 27 for more details.
2. Activate *Bluetooth*® on your mobile phone. Please check your mobile phone owner's manual for further details.
3. Search for new *Bluetooth*® device on the mobile phone. The car stereo's name is "**CLARION_ FB275**".
4. When attempting to connect to the car stereo, the mobile phone will prompt for a passkey, enter the PIN: "**0000**".
5. Device name will be displayed for editing after successful pairing. Please refer "**Editing a device name**" step 3 onwards on page 27 for more details.
6. The display returns to previous mode after a few seconds.
7. Any incoming call will be automatically diverted to the car stereo once connection is established.

Notes:

- Please make sure your mobile phone supports the HFP profile.
- Always make sure the *Bluetooth*® Operation mode in the phone is on when using this car handsfree.
- Any further connection attempts by other devices to connect as HFP partner are rejected until the current device is disconnected. Please refer your mobile phone owner's manual for disconnecting device.
- Up to the first 8 characters of device name can be supported. If device name is not obtained, *Bluetooth*® address of the device will be used as default.
- Please refer chapter "**Handsfree Operations**" on page 20 for telephone function.

Pairing with an external Bluetooth® audio player (A2DP support)

1. Enable pairing mode in the car stereo. Please refer "**Adding a new device (Pairing mode)**" on page 27 for more details.
2. Set the *Bluetooth*® audio player in Pairing mode. Please check your audio player owner's manual for further details.
3. The display automatically switches to BT Audio mode and start playing music upon successfully pairing and connection. Connection can be established in any source mode.

Notes:

- Please make sure your *Bluetooth*® audio player supports the A2DP and AVRCP profiles.
- Any further connection attempts by other devices to connect as A2DP/AVRCP partner are rejected until the current device is disconnected.
- You do not have to enter a dedicated pin code for pairing these two devices (Only applicable to Clarion products such as Aux *Bluetooth*® Transmitter), as you do with a mobile phone. However, for other A2DP devices, you may need to enter "**0000**" for the pin code in those devices.
- The same device may connect as both A2DP/ AVRCP and HFP partner. This normally happens to mobile phone with wireless music streaming capability. However, using the same device will cause the A2DP/AVRCP to be disconnected when there is an incoming call or making a call. User may need to manually resume playback via audio player in phone depends on the type of phones. However, some phones will automatically resume to BT Audio mode after telephone interrupt.

English

Introduction to Bluetooth® Wireless Technology

- Please refer chapter "**Audio Streaming Operations**" on page 23 for music streaming functionality.

Please refer "**Bluetooth® adjustment**" on page 26 for other *Bluetooth®* related adjustment.

Connecting Bluetooth® device

Your device/phone will normally connect automatically to the unit after pairing. However, some phones will not allow automatic connection to the unit after pairing; please use the phone to manually connect to the unit.

If Automatic Connection is enabled in Adjustment mode, the unit will try to connect to the previously connected phone when entering Telephone mode or during power up. Connection can be established at any Source mode. If connection is unsuccessful, automatic connection will stop. Please refer "**Automatic connection**" on page 27 to enable this feature.

The " " indicator will light on upon successful connection.

Notes:

- Auto connection only works for HFP. User may need to manually connect for A2DP. This will depends on the *Bluetooth®* audio player.
- It is recommended to connect to mobile phone (HFP) first before other A2DP device.

Disconnecting Bluetooth® device

1. Press and hold the [ ] button for 1.5 seconds or longer to disconnect all *Bluetooth®* devices.

   "**CLOSING CONNECTIONS**" will be displayed and " " indicator lights off.

Notes:

- Turning off the unit power and deleting any *Bluetooth®* device in Adjustment mode will also disconnect the current device.
- Alternatively, user can use the phone to manually disconnect the device. However some devices will automatically reconnect once disconnect. Please refer your device owner's manual for more details.

Please refer "**Compatible Devices**" on page 29 to make sure your device is compatible.

Handsfree Operations

Storing a preset telephone numbers

This function allows you to make direct call from the unit. There are 6 preset telephone numbers can be stored in the unit.

⚠ CAUTION

Please avoid performing this operation while you are driving as you may lose your concentration on the road. Always be sure to park your vehicle and apply the parking brake in order to perform this operation.

● Telephone numbers edit mode

1. Press the [ ] button to enter Telephone mode.
2. Press the [◀◀ , ▶▶] button to select "**MEMORY 1**" to "**MEMORY 6**".
3. Push the [▶/II · ENT] knob to edit the numbers. A blinking cursor on current digit will be displayed.
4. Turn the [▶/II · ENT] knob to select a number.
5. Push the [▶/II · ENT] knob to go to next number input.
6. Push the [▶/II · ENT] knob at a blank or the last 16th digit (" " indicator will be displayed) will store the numbers into memory.

Notes:

- "+" can be allowed in the first digit only.
- Maximum digit range: 16 digits.
- Push and hold the [▶/II · ENT] knob for 1.5 seconds or longer at a non-blank digit will store the numbers into memory as well.
- Press the [ ] button at anytime will cancel current operation and exit the Edit mode without saving the numbers. If no operation is performed for more than 10 seconds, the Edit mode is cancelled and returns to the previous display.

● Clearing all digits

1. During Telephone Numbers Edit mode, turn the [▶/II · ENT] knob to select a blank digit.
2. Push and hold the [▶/II · ENT] knob for 1.5 seconds or longer to clear all digits on the right side.

Note:

- Digits on the left side will remain as it is. In order to clear all the digits, always select the first character and perform the above operation.

● Deleting a digit

1. During Telephone Numbers Edit mode, turn the [►/II · ENT] knob to select a blank digit.
2. Push the [►/II · ENT] knob to delete current digit.

Note:

- Digits on the right side (if there is any) will be shifted to the left.

Incoming call

Whenever your car stereo is operating, the car stereo is in standby mode awaiting the next call, when an incoming call arrives the car stereo will mute automatically and the ring tone is reproduced through your car's speaker.

The Car stereo will temporarily switch to Telephone Interrupt mode and caller ID will be displayed in the car stereo.

Notes:

- Car stereo will be automatically set as default speaker output everytime when there is an incoming call.
- Some phones choose to present the audio despite being told to route it to the car stereo. This duplication of audio is a device problem/feature but does not impair functionality.
- During incoming call, caller ID and "**Calling...**" will be displayed. Caller ID and CLIP (Calling Line Identification Presentation) is dependent on mobile phone and service provider. However, incoming call with private telephone numbers (CLIR- Calling Line Identification Restriction) will not be displayed.

● Answering a call

User can answer an incoming call directly from the car stereo.

1. Press the [ ] button to pick up an incoming call.
2. The display switch to Telephone Interrupt mode.

Notes:

- During conversation, " " and call time elapsed will be displayed.
- During an incoming call, some phones may automatically pick up the call when it connects to this unit.

● Rejecting a call

This function allows you to reject an incoming call directly from the car stereo.

1. Press the [ ] button to reject an incoming call.
2. The display returns to previous mode.

● Ending a call

This function allows you to end a call conversation directly from the car stereo.

1. Press the [ ] button to end the call.
2. The display returns to previous mode.

Note:

- "**CALL END**" will be displayed when ending a conversation.

Alternatively, you may also answer/reject/end the call by using your phone's keypad. However, it is recommended to always perform those operations from the main unit.

Making a call

There are few ways to make outgoing call.

If no phone is connected, the car stereo will not be able to make an outgoing call. The car stereo will try to reconnect to the last connected device if Auto Connection is enabled in Adjustment mode. This is dependent on mobile phones.

Please make sure your phone is connected with the " " indicator light is on.

There are 2 display icons at the top row of display when entering Telephone mode.

: Call can be activated.

: Call cannot be activated. Please connect your phone.

1. Press the [ ] button to enter Telephone mode.
2. Press the [◄◄ , ►►I] to select the following

   "VOICEDIAL" ↔ "LN REDIAL" ↔
   "MEMORY 1" ↔ "MEMORY 2" ↔
   "MEMORY 3" ↔ "MEMORY 4" ↔
   "MEMORY 5" ↔ "MEMORY 6"

3. Press the [ ] button again to perform outgoing call.

Note:

- "**Dialing**" will be displayed when making a call. Telephone numbers will be displayed if using the preset telephone numbers dialing.

● Call via voice dialing

2-1. Select "**VOICEDIAL**"

3-1. Press the [ ] button again to activate voice dialing.

3-2. Speak the contact name clearly towards the internal/external microphone to perform voice dialing.

Notes:

- This is dependent on mobile phone. Please make sure your mobile phone supports voice dialing in order to use this feature. Please refer to your mobile phone owner's manual if this function is supported. "**CALL FAIL**" will be displayed if it is not supported or the call is unsuccessful.
- Please use an external microphone (optional) for better voice reception if necessary.

● Call via last dialed number (Redial)

A call can be made with the last number dialed. When the phone is connected, redial can be performed according to the phone last dialed number. Each phone has its own redial number. If there's no redial number, operation will not be performed.

2-1. Select "**LN REDIAL**"

3-1. Press the [↷] button again to redial the last dialed number.

● Call via preset telephone numbers

2-1. Select "**MEMORY 1**" to "**MEMORY 6**".

3-1. Press the [↷] button again to make call.

Alternatively, user can make outgoing call directly by pressing the corresponding preset telephone numbers.

1. Press the [↷] button to enter Telephone mode.
2. Press the corresponding [**DIRECT**] button to make outgoing call.

Note:

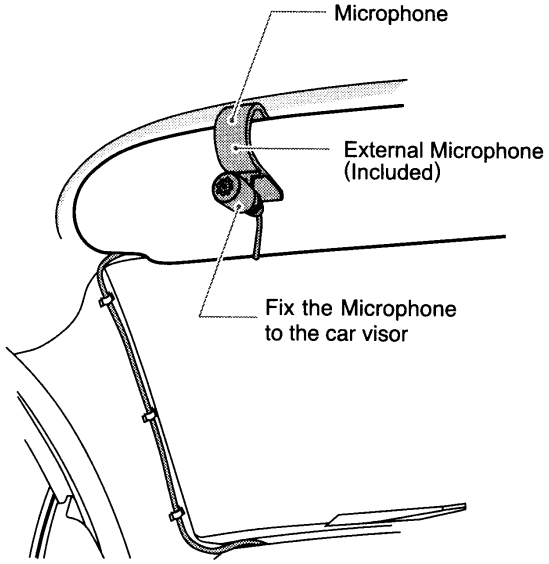
- The preset telephone numbers will be the same for all paired devices.

Alternatively, you may also make a call by using your phone's keypad. However, it is recommended to always make a call from the main unit as some phones may not work well using the phone's keypad with this unit.

Microphone

The unit is fitted with an internal microphone that should provide acceptable performance when fitted to vehicles with low levels of background noise. For optimum performance Clarion recommends the use of an external microphone fitted as near as possible to the driver.

Please refer "**Selecting microphone input**" on page 28 for switching to internal/external the microphone.



Handfree Volume

The unit implements an acoustic echo canceller to reduce the echo heard by the remote caller. Under normal circumstances the unit operates in full-duplex mode meaning that both parties can speak at the same time.

If the volume in the vehicle is set too high, the echo canceller will revert to half-duplex mode when only one party can talk at a time. The volume should be adjusted to be just loud enough. The unit also implements Noise Dependent Volume that increases the volume as the noise in the vehicle increases.

Adjusting the volume for handsfree

Turning the [►/II · ENT] knob clockwise increases the volume; turning it counterclockwise decreases the volume.

"**VOLUME 1**" to "**VOLUME 16**" will be displayed depends on the volume level.

* Factory default setting for volume is "**VOLUME 8**".

When the unit is connected to a mobile phone and a call is in progress, turning off the vehicle ignition key ("**ACC**" or ACCESSORY) switch will not end the call. The unit will remain active until the call has ended at which point the unit will power OFF. It is therefore safe to pull over and stop the engine during a call without the inconvenience of dropping the call.

Audio Streaming Operations

Note:

- Be sure to read the chapter "**Pairing with an external Bluetooth® audio player (A2DP support)**" before proceeding.

What is audio streaming?

Audio streaming is a technique for transferring audio data such that it can be processed as a steady and continuous stream.

Users can stream music from their external audio player to their car stereo wirelessly and listen to the tracks through the car's speakers.

Please consult your nearest Clarion dealer for more information on the product of wireless audio streaming transmitter offered.

⚠ CAUTION

- **Please avoid operating your connected mobile phone while audio streaming as this may cause noise or sound choppy on the song playback.**
- **Audio streaming may or may not resume after telephone interrupt as this is dependent on mobile phone.**
- **System will always return to Radio mode if audio streaming is disconnected.**

Play/Pause a track

1. Push the [►/II · ENT] knob to pause play. "▮▮▮" appears in the display.
2. To resume track play, push the [►/II · ENT] knob again. " ▮▮▮ " appears in the display.

Notes:

- During music streaming playback, "**STREAMING...**" will be shown on the display. Information about tracks (e.g. the elapsed playtime, song title, etc.) cannot be displayed on this unit.
- When A2DP device is disconnected, "**NO STREAM**" will be shown on the display and return to Radio mode.
- Some *Bluetooth*® audio players may not have play/pause synchronized with this unit. Please make sure both device and main unit are in the same play/pause status in BT AUDIO mode.

Selecting a track

● Track-up

1. Press the [►►I] button to move to the beginning of the next track.
2. Each time the [►►I] button is pressed, playback proceeds to another track in the advancing direction.

● Track-down

1. Press the [I◄◄] button to move the to beginning of the previous track.
2. Each time the [I◄◄] button is pressed, playback proceeds to previous track in the reverse direction.

Notes:

- Playing order will depend on *Bluetooth*® audio player.
- When [I◄◄] button is pressed, some A2DP devices will restart the current track depends on the duration of playback.

Common Operations

Adjustment mode

There are 5 categories of Adjusment mode:

- Audio mode
  (Bass, Treble, Balance, Fader and Loudness)
- Additional Source mode (AUX Input)
- Clock* Adjustment mode
- Display* Adjustment mode
- *Bluetooth*®* Adjustment mode

* Item that has 2nd level adjustment

During Telephone Interrupt mode, only Balance and Fader can be adjusted. Adjustment mode is unaccessible during Telephone mode and vice versa.

❶. Press and hold the [**DISP**] button for 1.5 seconds or longer to enter the adjustment selection display.

❷. Press the [I◄◄,►►I] button to select the "**item name**".

"BASS" ↔ "TREBLE" ↔ "BALANCE" ↔ "FADER" ↔ "LOUDNESS" ↔ "AUX INPUT" ↔ "CLOCK" ↔ "DISPLAY" ↔ "BLUETOOTH"

❸. Push the [►/II · ENT] knob to enter 2nd level adjustment or turn the [►/II · ENT] knob to select the "**desired setting value**" depends on the selected item.

Notes:

- A "◄" will be displayed and "**ENT**" will light on when an item has 2nd level adjustment.
- After completing settings, press and hold the [☎] button for 1.5 seconds or longer to return to the previous mode.
- If no operation is performed for more than 10 seconds, the Adjustment mode is cancelled and returns to the previous display.

Audio mode

● Adjusting the bass

❷-①. Select "**BASS**".

❸-①. Turn the [►/II · ENT] knob clockwise emphasizes the bass; turning it counterclockwise attenuates the bass.

Notes:

- The factory default setting is "**0**".
- The value range is -7 to +7.

● Adjusting the treble

❷-①. Select "**TREBLE**".

❸-①. Turn [►/II · ENT] knob clockwise emphasizes the treble; turning it counterclockwise attenuates the treble.

Notes:

- The factory default setting is "**0**".
- The value range is -7 to +7.

● Adjusting the balance

❷-①. Select "**BALANCE**".

❸-①. Turn the [►/II · ENT] knob clockwise emphasizes the sound from the right speaker; turning it counterclockwise emphasizes the sound from the left speaker.

The display changes as follows:
"**RIGHT XX**" will be displayed where "**XX**" is the value from 1 to 12.

"**LEFT XX**" will be displayed where "**XX**" is the value from 1 to 12.

Notes:

- When Balance is 0, "**CENTER**" will be displayed instead.
- The factory default setting is "**CENTER**".

● Adjusting the fader

❷-①. Select "**FADER**".

❸-①. Turn the [►/II · ENT] knob clockwise emphasizes the sound from the front speakers; turning it counterclockwise emphasizes the sound from the rear speakers.

The display changes as follows:

"**FRONT XX**" will be displayed where "**XX**" is the value from 1 to 12.

"**REAR XX**" will be displayed where "**XX**" is the value from 1 to 12.

Notes:

- When Fader is 0, "**CENTER**" will be displayed instead.
- The factory default setting is "**CENTER**".

● Adjusting the loudness

The loudness effect does not adjust the low sound area like the normal sound adjustment function, but emphasizes the deep bass sound area to provide you with a dynamic sound.

❷-① Select "**LOUDNESS**".

❸-① Turn the [►/II · ENT] knob to select "**ON**" or "**OFF**".

- **ON** : Loudness effect enabled.
- **OFF** : Loudness effect disabled.

Note:
- The factory default setting is "**OFF**".

Setting AUX function

This option allows user to enable or disable the AUX function. AUX function will be available in source mode selection if turned on. Otherwise, it will be hidden from the source mode selection.

❷-① Select "**AUX INPUT**".

❸-① Turn the [►/II · ENT] knob to select "**ON**" or "**OFF**".

- **ON** : Aux function is turned on.
- **OFF** : Aux function is turned off.

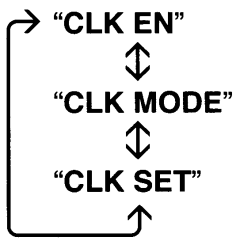
Note:
- The factory default setting is "**OFF**".

Clock adjustment

❷-① Select "**CLOCK**".

❸-① Push the [►/II · ENT] knob.

❸-② Press the [I◄◄ , ►►I] button to select the "**item name**".



❸-③ Push or turn the [►/II · ENT] knob depends on selected item.

● Setting the clock enable

This setting allows the clock to be displayed at the bottom of display in all source modes.

1. Select "**CLK EN**".
2. Turn the [►/II · ENT] knob to select "**ON**" or "**OFF**".

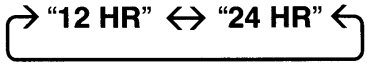
- **ON** : Clock is enabled and manually set by user.
- **OFF** : Clock is disabled.

Note:
- The factory default setting is "**OFF**".

● Setting the clock mode

This setting allows user to select either 12 or 24 hour system.

1. Select "**CLK MODE**".
2. Turn the [►/II · ENT] knob to select the options.



- **12 HR** : 12 hour mode.
- **24 HR** : 24 hour mode.

Note:
- The factory default setting is "**12 HR**".

● Adjusting the clock

This adjustment allows the clock to be set by user.

1. Select "**CLK SET**".
2. Push the [►/II · ENT] knob.
3. Press the [I◄◄ , ►►I] button to select the hour or the minute.
4. Turn the [►/II · ENT] knob to set the correct time.
5. Press the [☎] button to exit the setting.

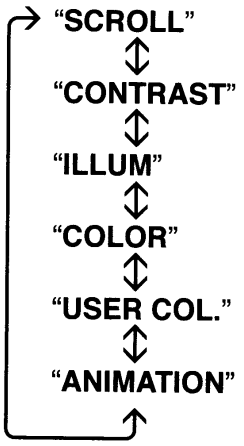
Notes:
- The factory default setting is "**00:00**" for 24 hour mode.
- The clock is updated in realtime.

Display adjustment

❷-① Press the [I◄◄, ►►I] button and select "**DISPLAY**".

❸-① Push the [►/II · ENT] knob to enter next level adjustment.

❸-② Press the [I◄◄, ►►I] button to select the "**item name**".



❸-③. Push or turn the [►/II · ENT] knob depends on selected item.

● Setting the method for title scroll

Set how to scroll in MP3 title.

* The factory default setting is "**ON**".

1. Select "**SCROLL**".
2. Turn the [►/II · ENT] knob to select "**ON**" or "**OFF**".

- **ON** : To scroll continunously.
- **OFF** : Scroll function is disabled. It will only scroll for once.

● Adjusting the display contrast

You can adjust the display contrast to match the angle of installation of the unit.

* The factory default setting is "**9**". (Adjustment level: 0 to 14)

1. Select "**CONTRAST**".
2. Turn the [►/II · ENT] knob to adjust the contrast.

● Adjusting the display and line illumination

You can adjust the display illuminations (Display backlight intensity) at night (key illumination on). The adjustment level is from 1 to 9.

* The factory default setting for key illumination on is "**3**".

1. Select "**ILLUM**".
2. Turn the [►/II · ENT] knob to adjust the illumination.

Notes:

- The new settings will be stored in memory.
- Display illumination is fixed at "**9**" for key illumination off (Daytime). "**N/A**" will be displayed.

● Setting the color line illumination

1. Select "**COLOR**".
2. Turn the [►/II · ENT] knob to select the color, the type changes in the following orders:

COL. SCAN ↔ OFF ↔ BLUE ↔ SURF BLUE ↔ WHITE ↔ AQUA ↔ GREEN ↔ LIME ↔ ORANGE ↔ RED ↔ PINK ↔ PALE PINK ↔ VIOLET ↔ PURPLE ↔ USER COL. ↔ COL. SCAN ...

● Setting user color mode

1. Select "**USER COL**".
2. Turn the [►/II · ENT] knob to enter the setting.
3. Press the [I◄◄, ►►I] button to move the cursor for adjusting the R, G or B value. The value of R is adjustable by default.
4. Turn the [►/II · ENT] knob to select from 0 to 8. Adjustment will be updated in realtime.

Note:

- The factory default setting for user color R, G and B (R: red, G: green, B: blue) are "**8**".

● Setting the animation effect

You can turn on or off the animation effect in this unit.

1. Select "**ANIMATION**".
2. Turn the [►/II · ENT] knob to select "**ON**" or "**OFF**".

- **ON** : Welcome animation and screen wipe transition at Source mode are enabled.
- **OFF** : Animation effect is disabled.

Bluetooth® adjustment

❷-①. Press the [I◄◄, ►►I] button and select "**BLUETOOTH**".

❸-①. Push the [►/II · ENT] knob.

❸-②. Press the [I◄◄ , ►►I] button to select the "**item name**".

"ADD DEV."
↕
"EDIT DEV."
↕
"DEL. DEV."
↕
"AUTO CONN"
↕
"MIC"

❸-③. Push or turn the [►/II · ENT] knob depends on selected item.

● Adding a new device (Pairing mode)

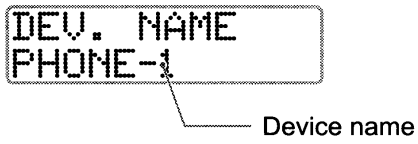
1. Select "**ADD DEV.**".
2. Push the [►/II · ENT] knob.
   * The " " indicator will be blinking. The display shows "**Pairing...**" and the car stereo is currently in Pairing mode.

Note:

- The pairing timeout is 3 minutes.

● Editing a device name

1. Select "**EDIT DEV.**".
2. Push the [►/II · ENT] knob.
   * The display shows the device name.



3. Turn the [►/II · ENT] knob to edit a character.
4. Press the [►►I] button or push [►/II · ENT] knob to go to next character. Press the [I◄◄] button to return to previous character.
5. Push the [►/II · ENT] knob at the last blank character to store the name.

Notes:

- Push and hold the [►/II · ENT] knob for 1.5 seconds or longer at any position will store the name as well.
- If there is no device connected, "**(no devices)**" will be shown in the display.

● Deleting a device

1. Select "**DEL. DEV.**".
2. Push the [►/II · ENT] knob.
3. Turn the [►/II · ENT] knob to select a device to be deleted.
4. Push the [►/II · ENT] knob. A delete confirmation is prompted.
5. Turn the [►/II · ENT] knob to select "**YES**" or "**NO**".
6. Push the [►/II · ENT] knob to confirm the selection.

Notes:

- If there is no device connected, "**(no devices)**" will be shown in the display.
- "**All**" option will be available if there is more than one device connected.
- Deleting pairing information in the main unit only stops the unit from being connect to the other device. It does not stop the other device from trying to connect to main unit. Please delete the pairing information of the main unit from the phone/device as well. Always make sure pairing information on both device and main unit have been deleted before starting a new pairing activity.
- Deleting a device will disconnect any current *Bluetooth*® connection. User will need to manually re-connect if necessary.

● Automatic connection

This function allows the unit to be connected automatically with previously connected device during power up or entering Telephone mode. The *Bluetooth*® wireless function in your phone has to be turned on to establish automatic connection.

1. Select "**AUTO CONN**".
2. Turn the [►/II · ENT] knob to select "**ON**" or "**OFF**".

- **ON** : Auto connection enabled.
- **OFF** : Auto connection disabled.

Notes:

- The factory default setting is "**OFF**".
- Please enable this feature only if your phone is supported.

Common Operations

● Selecting microphone input

1. Select "**MIC**".
2. Turn the [►/II · ENT] knob to select one of the following:

- **INTERNAL** : Built-in microphone will be used.
- **EXTERNAL** : An external microphone will be used.

Note:

- The factory default setting is "**INTERNAL**".

System Menu

1. Press and hold [☎] and [I◄◄] buttons simultaneously for 1.5 seconds or longer.
2. Press the [I◄◄, ►►I] button to select an item.

"**VERSION**" ↔ "**FACT. RST**"

3. Press the [☎] button to exit the menu.

● Checking the unit version

2-1. Select "**VERSION**".

● Restoring to factory default setting

This function allows user to restore the unit to the factory default setting.

2-1. Select "**FACT. RST**".

2-2. Push the [►/II · ENT] knob. A reset confirmation is prompted.

2-3. Turn the [►/II · ENT] knob to select "**YES**" or "**NO**".

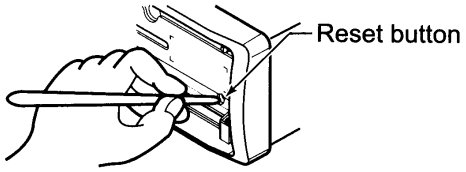
2-4. Push the [►/II · ENT] knob to confirm the selection.

Notes:

- All pairing information and preset memories will be cleared. User will have to manually perform those setting again.
- Once reset, system will automatically turn off and re-power on.
- Clock time will not be reset with this operation.

The clock time reset is done with the following steps.

1. Turn off the power.
2. Press the [**RELEASE**] button and remove the DCP.
3. Press the reset button with a thin rod.



Compatible Devices

Supported phones with Bluetooth® wireless technology

Make sure your mobile phone supports the following *Bluetooth*® profile:

- HFP (Handsfree for mobile phone)

Optional profiles for audio streaming in mobile phone:

- A2DP (Stereo music streaming)
- AVRCP (Remote control function)

Please check your phone's specification for supported profiles. Features supported for each profile vary from product to product. To ensure your device will work correctly with this unit, please consult your nearest Clarion dealer for your phone compatibilities.

Supported external audio player with Bluetooth® wireless technology

This car stereo is compatible with Clarion *Bluetooth*® Audio Transmitter (DGL370/373) and Cradle for iPod (BC001N/BC002M/BC003V). Please consult your nearest Clarion dealer for the product offer.

Operation is not guaranteed with all the *Bluetooth*® audio players that supports A2DP/AVRCP from other manufacturers.

English

8. ADDITIONAL INFORMATION

Safe and efficient use

Note:

- Read this information before using your car stereo.

Changes or modifications to this product not expressly approved by Clarion may void the user's authority to operate the equipment.

Please check for any exceptions, due to national requirements or limitations, in usage of equipment with *Bluetooth*® wirelesss technology before using this product.

Product care

- Do not expose your product to liquid or moisture or to humidity.
- Do not expose your product to extreme high or low temperatures.
- Do not expose your product to lit candles, cigarettes, or cigars, or to open flames etc.
- Do not drop, throw or try to bend the product as rough treatment could damage it.
- Do not use any other accessories than Clarion originals intended for use with this product. Use of non-original accessories may result in loss of performance, damage to the product, fire, electric shock or injury. The warranty does not cover product failures which have been caused by use of non-original accessories.
- Do not attempt to disassemble your product. The product does not contain consumer serviceable or replaceable components. Only Clarion service partners should perform service.
- Do not keep the product in an area prone to dust and dirt. Only use a soft damp cloth to clean your product.
- If you will not be using the product for a while, store it in a place that is dry, free from damp, dust and extreme temperatures.
- To reduce risk of electric shock, unplug the unit from any power source before attempting to clean it.

Installation

Please note that only authorized personnel should install the car stereo. Please check with your car dealer for recommendations on professional installation engineers. Check with your car manufacturer's representative to be sure that all equipment for the car stereo, including additional accessories, is placed in a safe location. If your car is equipped with an air bag, check that the handsfree equipment does not interfere with its function.

The car stereo is made for use in cars with a 12 volt electrical system. Other supply voltages may cause damage to the equipment.

Radio frequency exposure

Your car stereo is a radio transmitter and receiver. When in operation, it communicates with a mobile device featuring *Bluetooth*® wireless technology by receiving and transmitting radio frequency (RF) electromagnetic fields (microwaves) in the frequency range 2400 to 2500 MHz. The output power of the radio transmitter is low, 0.001 watt.

Your car stereo is designed to operate in compliance with the RF exposure guidelines and limits set by national authorities and international health agencies when used with any compatible mobile phone with *Bluetooth*® wireless technology.

Driving

Check the laws and regulations on the use of mobile phones and handsfree equipment in the areas where you drive.

Always give full attention to driving and pull off the road and park before making or answering a call if driving conditions so require.

RF energy may affect some electronic systems in motor vehicles such as car stereo, safety equipment etc. Check with your vehicle manufacturer's representative to be sure that your mobile phone or car handsfree receiver will not affect the electronic systems in your vehicle.

Electronic equipment

Most modern electronic equipment is shielded from RF energy. However, certain electronic equipment is not, therefore:

Do not use your car stereo near medical equipment without requesting permission. If you are using any personal medical devices, e.g. a pacemaker or a hearing aid, please read in your mobile phone's User's Guide for further information.

Blasting areas

Turn off all your electronic devices when in a blasting area or in areas posted turn off two-way radio to avoid interfering with blasting operations. Construction crews often use remote control RF devices to set off explosives.

Potentially explosive atmospheres

Turn off your electronic device when in any area with a potentially explosive atmosphere. It is rare, but your electronic device could generate sparks. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked.

Emergency calls

IMPORTANT!

This car stereo, and the electronic device connected to the handsfree operate using radio signals, cellular, bluetooth wireless technology and landline networks as well as user-programmed functions, which cannot guarantee connection under all conditions. Therefore you should never rely solely upon any electronic device for essential communications (e.g. medical emergencies).

Remember, in order to make or receive calls, the car stereo and the electronic device connected to the handsfree must be switched on and in a service area with adequate cellular signal strength. Emergency calls may not be possible on all cellular phone networks or when certain network services and/or phone features are in use. Check with your local service provider.

English

9. TROUBLESHOOTING

	Problem	Cause	Measure
General	Power does not turn on. (No sound is produced)	Fuse is blown.	Replace with a fuse of the same amperage. If the fuse blows again, consult your store of purchase.
		Incorrect wiring.	Consult your store of purchase.
	No sound output when operating the unit with amplifiers or power antenna attached.	Power antenna lead is shorted to ground or excessive current is required for remote-on the amplifiers or power antenna.	1. Turn the unit off. 2. Remove all wires attached to the power antenna lead. Check each wire for a possible short to ground using an ohm meter. 3. Turn the unit back on. 4. Reconnect each amplifier remote wire to the power antenna lead one by one. If the amplifiers turn off before all wires are attached, use an external relay to provide remote-on voltage (excessive current required).
	Nothing happens when button are pressed. Display is not accurate.	The microprocessor has malfunctioned due to noise, etc.	Perform factory restore. Please refer "**Restoring to factory default setting**" on page 28 for more details.
	No sound heard.	The speaker protection circuit is operating.	1. Turn down sound volume. Function can also be restored by turning the power off and on again. (Speaker volume is reduced automatically when the speaker protection circuit operates). 2. If the sound is muted again, consult our service department.

	Problem	Cause	Measure
SD memory card	No sound heard.	MP3 files are absent in a SD memory card.	Write MP3 files onto the SD memory card properly.
		Files are not recognized as an MP3 file.	Use MP3 files encoded properly.
	Sound is cut or skipped. Noise is generated or noise is mixed with sound.	MP3 files are not encoded properly.	Use MP3 files encoded properly.
	SD/MMC memory card is not readable.	File system format is not correct.	Format SD memory card as FAT12 or FAT16.
		Incompatible SD/MMC.	Please make sure your SD/MMC is supported or consult your nearest Clarion dealer for SD/MMC compatibility.

Troubleshooting

	Problem	Cause	Measure
BT Audio	Audio streaming is disconnected after telephone interrupt.	This is probably happen when audio streaming and telephone function are from the same device (mobile phone). Audio streaming may or may not resume after interruption as this is highly dependent on the device/phone.	Reconnect A2DP/AVRCP (Audio streaming profiles) from the phone again after telephone interrupt. Use Clarion recommends external audio player with *Bluetooth*® wireless technology.
	I cannot perform remote control for audio streaming.	AVRCP is not connected.	Disconnect and re-connect the device again. If problem persists, please delete pairing information on both device and main unit before re-pairing.
	Audio streaming becomes choppy when using your connected phone.	Due to excessive *Bluetooth*® activity on a low bandwidth link. Some phones will not handle this well.	If your phone is facing this problem, please avoid touching the phone's keypad while audio streaming. You may pause the audio streaming before operating your phone.
	Display is showing "**STREAMING...**" but there is no sound output.	Some *Bluetooth*® audio devices might not support AVRCP. Thus, play/pause is not synchronized.	Check whether both device and main unit are in play status. Change the status in the device if necessary. If problem persists, please power off and on the main unit or the device.
		There might be connection links broken between the devices.	Please delete pairing information on both device and main unit and start re-pairing.

Troubleshooting

	Problem	Cause	Measure
Telephone	After pairing, car stereo is not able to receive and make calls.	*Bluetooth*® connection is not established yet. Normally it will take several seconds to establish the connection after pairing. Some phones will not automatic connect after pairing.	Use your phone to manually connect or enter Telephone mode with Auto connection ON (Car stereo will try to reconnect).
			Power off and on the car stereo and perform pairing again. Always make sure pairing information on both device and main unit have been deleted before starting a new pairing activity.
			If the problem persists, please consult you nearest Clarion dealer for your phone compatibility.
		Car stereo is connected to other device.	Disconnect the previous device and reconnect current device.
	Unable to reconnect to car stereo using phone.	The device pairing information may have been deleted from the unit.	Please make sure the device is still in the device list of the unit and perform the above measure.
	Callers voice sounds distorted or is intermittent.	Volume is too loud (depends on the car environment, speakers and microphone) and half-duplex mode is automatically triggered.	Try reducing the telephone volume level.
	Caller reports poor voice quality at remote end.		Use external rather than internal microphone. Move external microphone closer to mouth. Try reducing the telephone volume level.
	Difficulties of pairing and connecting with phone during another *Bluetooth*® operation such as audio streaming.	Due to excessive *Bluetooth*® activity on a low bandwidth link, it may result hard to get paired and connected.	Disconnect all devices. Try pairing with phone first and connect A2DP device later.
	There is no sound output when incoming call is answered.	Incoming call was answered too quickly before you hear the ringing tone. This can cause the audio not properly transferred to the main unit by some phones.	Please use your phone to transfer the audio back to the phone for the current ongoing call. Kindly answer the call only when you hear a ringing tone next time. If the problem persists, please reconnect the phone or create new pairing before the next incoming call.
	There is no sound output during conversation.	*Bluetooth*® communication link is lost.	Please disconnect the phone and reconnect. If the problem persists, please create new pairing for both phone and main unit.

10. ERROR DISPLAYS

If an error occurs, one of the following displays is displayed.

Take the measures described below to eliminate the problem.

Error Display	Cause	Measure
NO MP3	No audio file (MP3) is detected in the media. SD memory card format is not supported.	Replace with audio contents loaded SD/ MMC card. If the error message persists, please check the SD memory card compatibility or format the memory card as FAT12 or FAT16.
SD ERROR	SD/MMC cannot be read, SD memory card format is corrupted or not supported.	Open the flip down panel, eject and reinsert the card. Close the panel and try again. If the error message persists, please check the SD memory card compatibility or format the memory card as FAT12 or FAT16.
CALL FAIL	Call is not made successfully.	Please try a few times or dial from phone if necessary.
	Voice dial feature is not supported by the phone. Voice dial cannot be activated. This is dependent on phone.	Please make sure your phone supports this feature or consult your nearest Clarion dealer for voice dial compatibility.
ERROR	Low level exception in *Bluetooth*® communications.	The user may need to re-connect the phone (if auto connect is off) and he will need to reconnect any A2DP stream/ HFP.
STREAM ERR	Low level exception when handling A2DP streams. It is due interoperability issues between the unit and the streaming source.	The user may need to re-connect the phone (if auto connect is off) and he will need to reconnect any A2DP stream/ HFP. If problem persists, the user will need to switch off or use an alternative A2DP source.

English

11. SPECIFICATIONS

FM tuner

Frequency Range: 87.5 MHz to 107.9 MHz

Usable Sensitivity: 11 dBf

50 dB Quieting Sensitivity: 17 dBf

Alternate Channel Selectivity: 75 dB

Stereo Separation (1 kHz): 35 dB

Frequency Response (±3 dB): 30 Hz to 15 kHz

SD player

System: Multimedia audio system

Frequency Response: 10 Hz to 20 kHz (±3 dB)

Dynamic Range: 80 dB (1 kHz)

Harmonic Distortion: 0.01%

Bluetooth® wireless technology

Compliance: *Bluetooth*® 1.2

Frequency Range: 2.40~2.4835 GHz, ISM band

RF Power: Class 2 (2.5mW)

Profiles: HFP, A2DP, AVRCP

Operating Temperature: -20°C ~ 60°C

Telephone Operation:
Noise reduction, echo cancellation, full duplex telephony

Mic Input (External): 2.2k ohm, 2V electret

Audio

Maximum Power Output: 200 W (50 W X 4 ch)

Bass Control Action (100 Hz): ±14 dB

Treble Control Action (10 kHz): ±14 dB

Line Output (with A/C 1 kHz, 10 kΩ): 1.8 V

General

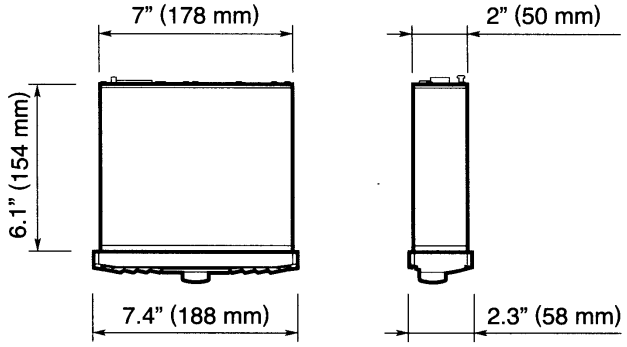
Power Supply Voltage:
14.4 V DC (10.8 V to 15.6 V allowable), negative ground

Current Consumption: Less than 15 A

Speaker Impedance: 4 Ω (4 Ω to 8 Ω allowable)

Weight: 1.87 lb. (0.85 kg)

Dimensions:
178 mm Width X 50 mm Height X 154 mm Depth



Notes:

- Specifications comply with JEITA Standards.
- Specifications and design are subject to change without notice for further improvement.
- Please make sure when connecting external power amplifier, that you properly, to the car chassis, ground the amplifier.
- If this is not done, severe damage to the source unit may happen.

Power Output:

17 W RMS x 4 Channels at 4 Ω and ≤ 1% THD+N

Signal to Noise Ratio:

87 dBA (reference: 1 W into 4Ω)

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Installation/Wire Connection Guide
Manual d'installation et de connexion
Guía de instalación/conexión de cables

English Français Español

1. BEFORE STARTING / PRÉPARATIFS / ANTES DE COMENZAR

1. This set is exclusively for use in cars with a negative ground, 12 V power supply.
2. Read these instructions carefully.
3. Be sure to disconnect the battery "⊖" terminal before starting. This is to prevent short circuits during installation. (Figure 1)

1. Cet appareil est exclusivement destiné à être utilisé dans les voitures avec une alimentation 12 V à masse négative.
2. Lire ces instructions attentivement.
3. S'assurer de débrancher la borne "⊖" de la batterie avant de commencer. Cela évitera les court-circuits pendant l'installation. (Figure 1)

1. Esta unidad ha sido diseñada para utilizarse exclusivamente en automóviles con fuente de alimentación de 12 V, y negativo a masa.
2. Lea cuidadosamente estas instrucciones.
3. Antes de comenzar, cerciórese de desconectar el terminal "⊖" de la batería. Esto es para evitar cortocircuitos durante la instalación. (Figura 1)

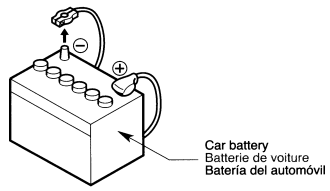


Figure 1 / Figure 1 / Figura 1

English Français Español

2. CAUTIONS ON INSTALLATION / PRÉCAUTIONS AU SUJET DE L'INSTALLATION / PRECAUCIONES PARA LA INSTALACIÓN

1. Prepare all articles necessary for installing the source unit before starting.
2. Install the unit within 30° of the horizontal plane. (Figure 2)
3. If you have to do any work on the car body, such as drilling holes, consult your car dealer beforehand.
4. Use the enclosed screws for installation. Using other screws can cause damage. (Figure 3)

1. Avant de commencer, préparer toutes les pièces nécessaires pour installer l'appareil pilote.
2. Installer l'appareil avec un angle inférieur à 30° par rapport à l'horizontal. (Figure 2)
3. S'il est nécessaire d'effectuer certains travaux sur la carrosserie comme percer des trous, consulter d'abord votre concessionnaire automobile.
4. Utiliser les vis fournies pour l'installation. L'utilisation d'autres vis peut causer des dommages. (Figure 3)

1. Antes de comenzar, prepare todos los elementos necesarios para instalar la unidad fuente.
2. Instale la unidad con un ángulo de 30° sobre el plano horizontal. (Figura 2)
3. Si tiene que realizar cualquier trabajo en la carrocería, como taladrado de orificios, etc., consulte al proveedor de su automóvil.
4. Utilice los tornillos suministrados para la instalación. La utilización de otros tornillos podría resultar en daños. (Figura 3)

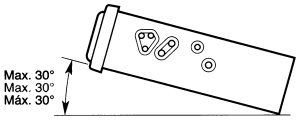


Figure 2 / Figure 2 / Figura 2

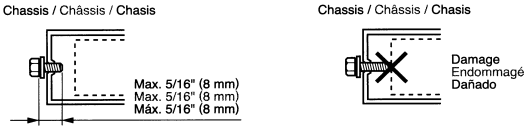


Figure 3 / Figure 3 / Figura 3

English Français Español

3. INSTALLING THE SOURCE UNIT / INSTALLATION DE L'APPAREIL PILOTE / INSTALACIÓN DE LA UNIDAD FUENTE

■ Universal Mount

1. Place the universal mounting bracket into the instrument panel, use a screwdriver to bend each stopper of the universal mounting bracket inward, then secure the stopper as shown in Figure 4.
2. Wire as shown in Section 5.
3. Insert the source unit into the universal mounting bracket until it locks.
4. Mount the outer escutcheon so that all the hooks are locked.

Notes:
1) Some car models require special mounting kits for proper installation. Consult your Clarion dealer for details.
2) Fasten the front stopper securely to prevent the source unit from coming loose.

■ Montage universel

1. Placer le support de montage universel dans le tableau de bord, utiliser un tournevis pour replier vers l'extérieur chaque languette du support de montage universel, puis fixer les languettes commemontré sur la Figure 4.
2. Câbler comme montré dans la Section 5.
3. Insérer l'appareil pilote dans le support de montage universel jusqu'à ce qu'il soit bloqué.
4. Monter l'écusson extérieur de manière que tous les crochets soient verrouillés.

Remarques:
1) Certains modèles de voiture nécessitent un kit de montage spécial pour une installation correcte. Consulter le revendeur Clarion pour les détails.
2) Serrer fermement la languette avant pour éviter que l'appareil pilote ne se desserre.

■ Montaje universal

1. Coloque el soporte de montaje universal en el tablero de instrumentos, utilice un destornillador para doblar cada retén del soporte de montaje universal hacia adentro, y después asegure el retén como se muestra en la Figura 4.
2. Conecte los cables como se muestra en la Sección 5.
3. Inserte la unidad fuente en el soporte de montaje universal hasta que quede enganchado.
4. Inserte la pieza ornamental exterior en el soporte de montaje universal hasta que quede enganchado.

Notas:
1) Algunos modelos de automóviles requieren juegos de montaje especiales para realizar la instalación apropiada. Solicite los detalles a su proveedor Clarion.
2) Apriete con seguridad el retén frontal para evitar que se afloje la unidad fuente.

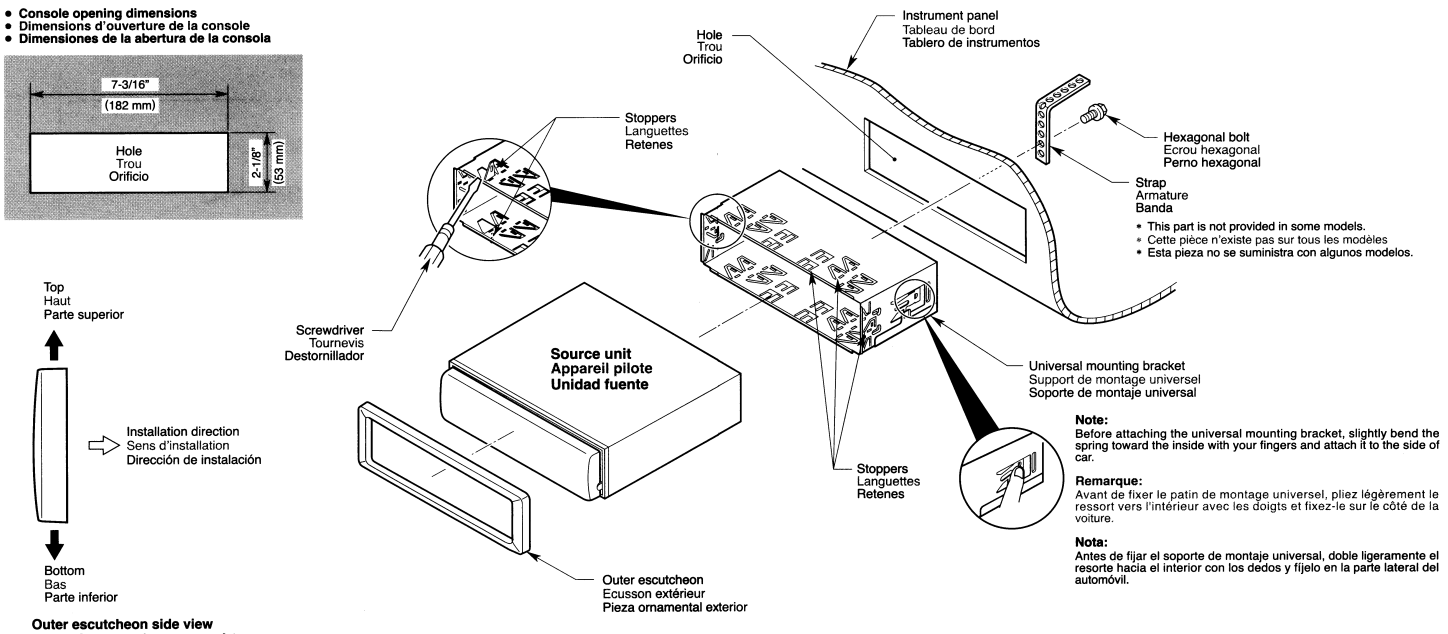


Figure 4 / Figure 4 / Figura 4

■ **Fixed Mount**
(TOYOTA, NISSAN and other ISO/DIN equipped vehicles)

This unit is designed for fixed installation in the dashboard.
If the vehicle is equipped with a factory-installed radio, install the source unit with the parts and screws marked (*). (Figure 7)

If the vehicle is not equipped with a factory-installed radio, obtain an installation kit to install the source unit in the following procedure.

Remove the stopper following the procedures below when this source unit is installed to the TOYOTA, NISSAN and other ISO/DIN equipped vehicles.

1. Remove the stopper from the source unit. (Figure 5, 6)

■ **Montage fixe**
(TOYOTA, NISSAN et autres véhicules équipés ISO/DIN)

Cet appareil est conçu pour une installation fixe dans le tableau de bord. Si le véhicule est équipé d'un auto-radio installé à l'usine, installer l'appareil pilote avec les pièces et les écrous marquées de (*). (Figure 7)

Si le véhicule n'est pas équipé d'un auto-radio installé à l'usine se procurer un kit d'installation pur installer l'appareil pilote avec la procédure suivante.

Retirez la butée après les opérations ci-dessous lorsque l'appareil pilote est installé sur un véhicule TOYOTA, NISSAN et autres véhicules équipés ISO/DIN.

1. Retirez la butée de l'appareil pilote. (Figures 5, 6)

■ **Montaje fijo**
(Automóviles TOYOTA, NISSAN, y otros provistos de normas ISO/DIN)

Esta unidad ha sido diseñada para instalarse de forma fija en el tablero de instrumentos. Si el automóvil dispone de una radio instal ada en fábrica, instale la unidad fuente con las piezas y los tornillos marcados con (*) en la Figura 7.

Si el automóvil no dispone de una radio instalada en fábrica, adquiera un juego de instalación para instalar la unidad fuente de acuerdo con el procedimiento siguiente.

Quite el tapón siguiendo los procedimientos de abajo, cuando la unidad fuente es instalada a un TOYOTA, NISSAN u otros vehículos equipados con ISO/DIN.

1. Quite el tapón de la unidad fuente. (Figura 5, 6)

BEFORE REMOVE / AVANT RETRAIT / ANTES DE QUITAR

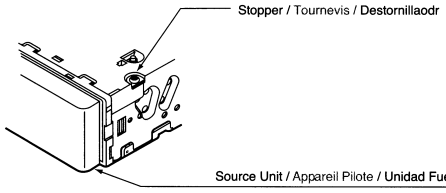


Figure 5 / Figure 5 / Figura 5

AFTER REMOVE / APRÈS RETRAIT / DESPUÉS DE QUITAR

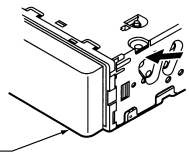


Figure 6 / Figure 6 / Figura 6

2. Secure the mounting brackets to the chassis as shown in Figure 7. Holes are pre-tapped for TOYOTA and NISSAN vehicles; modification, such as driling new holes, of the mounting brackets may be required for other models.
3. Wire as shown in Section 5.
4. Secure the unit in the dashboard, and then reassemble the dashboard and the center panel.

2. Fixer le support de montage sur le châssis comme montré sur la Figure 7. Les trous sont pré-découpés pour les véhicules TOYOTA et NISSAN; des modification du support de montage, comme le perçage de nouveaux trous, peuvent être nécessaire pour les autres modèles.
3. Câbler comme montré dans la Section 5.
4. Fixer l'appareil dans le tableau de bord puis remonter le tableau de bord et le panneau central.

2. Aseguse los soportes de montaje al chasis como se muestra en la Figure 7. Los orificios ya han sido taladrados en los automóviles TOYOTA y NISSAN, pero para otros modelos puede resultar necesario realizar modificaciones, como taladrado de nuevos orificios en los soportes de montaje.
3. Conecte los cables como se muestra en la Sección 5.
4. Asegure la unidad al tablero de instrumentos, y después vuelva a montar el tablero de instrumentos y el panel central.

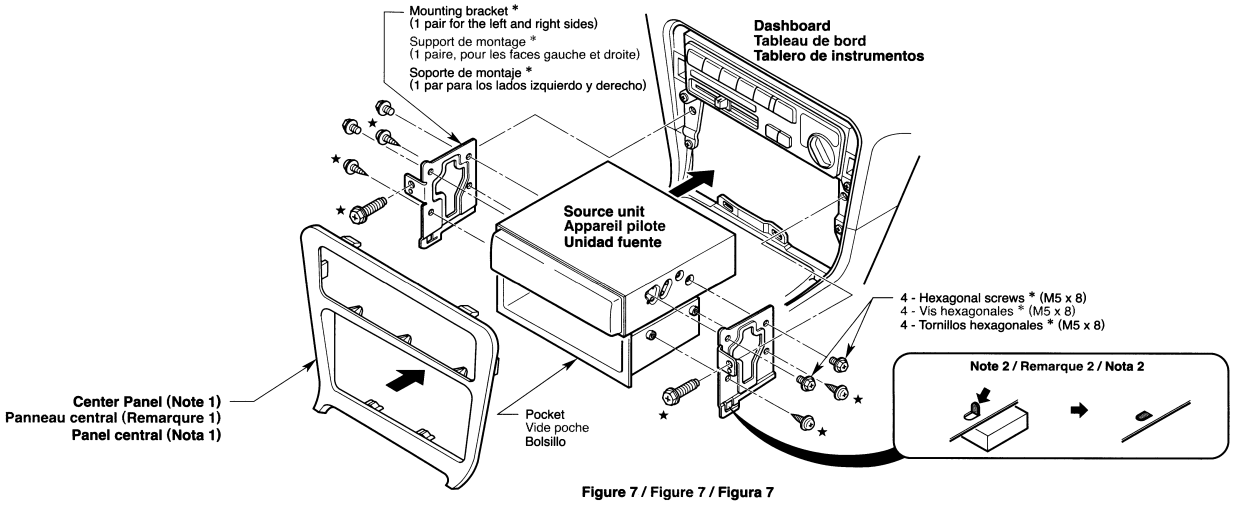

Mounting bracket *
(1 pair for the left and right sides)
Support de montage *
(1 paire, pour les faces gauche et droite)
Soporte de montaje *
(1 par para los lados izquierdo y derecho)
Dashboard
Tableau de bord
Tablero de instrumentos
Source unit
Appareil pilote
Unidad fuente
4 - Hexagonal screws * (M5 x 8)
4 - Vis hexagonales * (M5 x 8)
4 - Tornillos hexagonales * (M5 x 8)
Note 2 / Remarque 2 / Nota 2
Center Panel (Note 1)
Panneau central (Remarque 1)
Panel central (Nota 1)
Pocket
Vide poche
Bolsillo

Figure 7 / Figure 7 / Figura 7

* : The parts and screws with this mark are used to install radio or included in the installation kit.
★ : The screws with this mark are originally attached to the vehicle.

Note 1 : In some cases, the center panel may require some modification (trimming, filling, etc.).

Note 2 : If a hook on the installation bracket interferes with the unit, bend and flatten it with a nipper or a similar tool.

* : Les pièces et les vis portant cette marque sont utilisées pour l'autoradio installé ou fournies dans le kit d'installation.
★ : Les vis portant cette marque sont fournies d'origine avec le véhicule.

Remarque 1 : Dans certains cas, le panneau central peut nécessité certaines modifications (ébarbage, remplissage, etc.).

Remarque 2 : Si un crochet du support d'installation interfère avec l'appareil, le tordre et l'aplatir avec une pince ou un outil similaire.

* : Las piezas y tornillos con esta marca se utilizan para instalar la radio o se suministran con el juego de instalación.
★ : Los tornillos con esta marca están originalmente fijados a los automóviles.

Nota 1 : En algunos casos, el panel central puede requerir ciertas modificaciones (recorte, limado, etc.).

Nota 2 : Si algún gancho del soporte de montaje interfiere con la unidad, dóblelo y aplánelo con unos alicates u otra herramienta similar.

English Français Español

4. REMOVAL OF THE SOURCE UNIT / DEPOSE DE L'APPAREIL PILOTE / DESMONTAJE DE LA UNIDAD FUENTE

1. When removing the source unit, disassemble it in the reverse of the order in Section **"3. INSTALLING THE SOURCE UNIT"**.
2. Press the outer escutcheon upward and remove it. (Figure 8)
3. Insert and lock the hook plates. (Figure 9)
4. Pull the hook plates to remove the source unit.

1. Lors de la dépose de l'appareil pilote, démonter dans l'ordre inverse de la Section **"3. INSTALLATION DE L'APPAREIL PILOTE"**.
2. Presser l'écusson extérieur vers le haut et le retirer. (Figure 8)
3. Insérer et verrouiller les plaques à crochet. (Figure 9)
4. Tirer sur les plaques à crochet pour retirer l'appareil pilote.

1. Para desmontar la unidad fuente, realice el procedimiento inverso al de la Sección **"3. INSTALACIÓN DE LA UNIDAD FUENTE"**.
2. Presione la pieza ornamental exterior hacia afuera y extráigala. (Figura 8)
3. Inserte y bloquee las placas de enganche. (Figura 9)
4. Tire de las placas de enganche para extraer la unidad fuente.

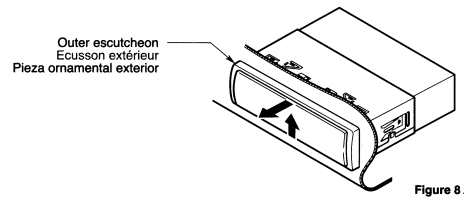


Figure 8 / Figure 8 / Figura 8

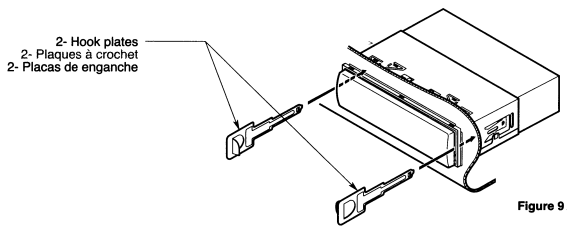
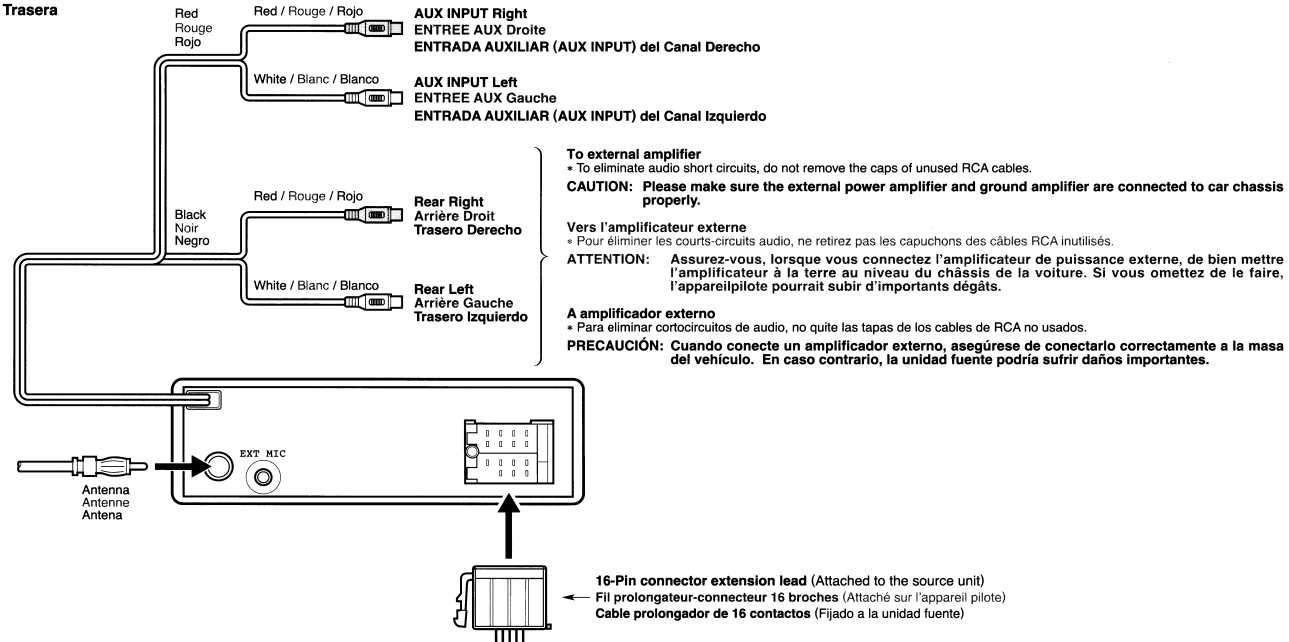


Figure 9 / Figure 9 / Figura 9

English Français Español

5. WIRE CONNECTIONS / CONNECTIQUE / CONEXIÓN DE CABLES

- **Rear Layout**
- **Disposition Arrière**
- **Disposición Trasera**



To external amplifier
* To eliminate audio short circuits, do not remove the caps of unused RCA cables.

CAUTION: Please make sure the external power amplifier and ground amplifier are connected to car chassis properly.

Vers l'amplificateur externe
* Pour éliminer les courts-circuits audio, ne retirez pas les capuchons des câbles RCA inutilisés.

ATTENTION: Assurez-vous, lorsque vous connectez l'amplificateur de puissance externe, de bien mettre l'amplificateur à la terre au niveau du châssis de la voiture. Si vous omettez de le faire, l'appareilpilote pourrait subir d'importants dégâts.

A amplificador externo
* Para eliminar cortocircuitos de audio, no quite las tapas de los cables de RCA no usados.

PRECAUCIÓN: Cuando conecte un amplificador externo, asegúrese de conectarlo correctamente a la masa del vehículo. En caso contrario, la unidad fuente podría sufrir daños importantes.

16-Pin connector extension lead (Attached to the source unit)
Fil prolongateur-connecteur 16 broches (Attaché sur l'appareil pilote)
Cable prolongador de 16 contactos (Fijado a la unidad fuente)

Front Right
Avant Droit
Delantero Derecho
⊕ Gray / Gris / Gris
⊖ Gray/Black / Gris/Noir / Gris/Negro

Front Left
Avant Gauche
Delantero Izquierdo
⊕ White / Blanc / Blanco
⊖ White/Black / Blanc/Noir / Blanco/Negro

Rear Right
Arrière Droit
Trasero Derecho
⊕ Purple / Pourpre / Púrpura
⊖ Purple/Black / Pourpre/Noir / Púrpura/Negro

Rear Left
Arrière Gauche
Trasero Izquierdo
⊕ Green / Vert / Verde
⊖ Green/Black / Vert/Noir / Verde/Negro

4-Speaker system
Système à 4 haut-parleurs
Sistema con 4 altavoces

or
ou
o

2-Speaker system
Système à 2 haut-parleurs
Sistema con 2 altavoces

Right
Droit
Derecho
⊕ Gray / Gris / Gris
⊖ Gray/Black / Gris/Noir / Gris/Negro

Left
Gauche
Izquierdo
⊕ White / Blanc / Blanco
⊖ White/Black / Blanc/Noir / Blanco/Negro

⊕ Purple / Pourpre / Púrpura
⊖ Purple/Black / Pourpre/Noir / Púrpura/Negro
⊕ Green / Vert / Verde
⊖ Green/Black / Vert/Noir / Verde/Negro

Not used.
Insulate each wire.
Inutilisé.
Isoler chaque fil.
No se utiliza.
Aísle todos los conductores.

Yellow Wire (Memory back-up lead)
Fil Jaune (Fil de soutien mémoire)
Conductor Amarillo (Conductor de protección de la memoria)
Connect directly to battery
Brancher directement à la batterie
Conéctelo directamente a la batería

Red Wire (Power lead)
Fil Rouge (Fil d'Alimentation)
Conductor Rojo (Conductor de Alimentación)
Accessory⊕12 V
Accessoire⊕12 V
Accesorio⊕12 V

Blue/White Wire (Amplifier turn-on lead)
Fil Bleu/Blanc (Fil de Mise en Marche de l'Amplificateur)
Cable Azul/Blanco (Cable de Acceso del Amplificador)
Connect to remote turn-on lead of Amplifier
Connexion au fil de mise en marche à distance de l'amplificateur
Conecte al cable de acceso remoto del amplificador

Black Wire (Ground lead)
Fil Noir (Fil de Terre)
Conductor Negro (Conductor de Puesta a Masa)
Connect to vehicle chassis ground
Brancher à la terre du châssis du véhicule
Conéctelo a una parte metálica del chasis del vehículo

Orange/White Wire (Illumination lead)
Fil Orange/Blanc (Fil d'Éclairage)
Conductor Anaranjado/Blanco (Conductor de Alimentación)
Connect it to the car power supply terminal for illumination
Connectez-le à la borne d'alimentation de la voiture pour l'éclairage
Conéctelo a la terminal de alimentación del coche para la iluminación.

Blue Wire (Auto Antenna lead)
Fil Bleu (Fil d'Antenne Automatique)
Cable Azul (Cable de Antena Automática)
Connect it to the car power supply terminal for the antenna
Connectez-le à la borne d'alimentation de la voiture pour l'antenne
Conéctelo a la terminal de alimentación del coche para la antena

Brown Wire (Phone Mute lead)
Fil Marron (Fil de Silence Téléphone)
Cable Marrón (Cable del Silencio del Teléfono)
Connect to cellular phone mute lead
Connexion au fil de silence du téléphone cellulaire
Conecte al cable del silencio (mute) del teléfono móvil

■ **For VW and Audi Vehicles**
For VW and Audi vehicles, change the position of fuse installation. (Figure 10)

■ **Pour Les véhicules VW et Audi**
Pour Les véhicules VW et Audi, modifier la position de l'installation. (Figure 10)

■ **Para vehículos VW y Audi**
Para vehículos VW y Audi, cambie la posición de la instalación. (Figura 10)

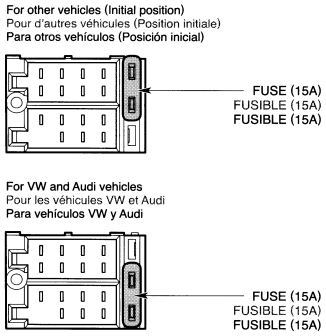


Figure 10 / Figure 10 / Figura 10

⚠ CAUTION

1. When the car stereo is installed in 1998 and later Volkswagen models, make sure to cut the car lead wire connected the A-5 terminal. (A breakdown could occur if the lead wire is not cut.) After cutting the lead wire, isulate the front end of the lead wire with insulation tape to prevent the risk of short-circuits. (Figure 11)
   Note:
   Before cutting the lead wire, disconnect the car battery ⊖ (negative) cable.
2. When the main unit is also connected to an external amplifier, connect REMOTE on the external amplifier to the previously cut lead wire on the side of the connector.
3. Volkswagen models have already changed position of the fuse for installation in such vehicles.

⚠ PRECAUTION

1. Si vous installez le combiné autoradio sur un modèle Volkswagen 1998 et ultérieur, coupez bien le fil de la voiture pour raccorder la borne A-5. (Vous risquez de provoquer une panne si vous ne coupez pas le fil.) Après avoir coupé le fil, recouvrez l'extrémité avant du fil avec du ruban isolant pour éviter les courts-circuits. (Figure 11)
   Remarque:
   Avant de couper le fil, débranchez le câble ⊖ (négatif) de la batterie de voiture.
2. Si vous raccordez également l'appareil principal à un amplificateur externe, raccordez REMOTE de l'amplificateur externe au fil préalablement coupé sur le côté du connecteur coupé.
3. Les modèles Volkswagen ont déjà changé la position du fusible pour l'installation sur ces véhicules.

⚠ PRECAUCIÓN

1. Antes de Instaiar su equipo estéeo para automóil en vehíuios Volkswagen fabricados de 1998 en adelante, asegúrese de cortar el cable existente on el tenninal A-5 del conector ISO del mazo de cables que probienen del vehicuio. De no hacerlo así, podría averlarse el equlpo esiéreo. Une vez cortado el cable, eisle au extremo con ointa aislante para evitar cortocircuitos. (Figura 11)
   Nota:
   Al cortar el cable, asegúrese de que no hace contacto con la masa dei vehicuio, pues podría produolrse un cortoolrouito.
2. Cuando la unidad principal esté también conectada a un amplificador externo, conecte REMOTE del amplificador externo al conductor previamente cortado del lado del conector.
3. Los modelos Volkswagen ya han cambiado la posición del fusible para instalación en tales vehículos.

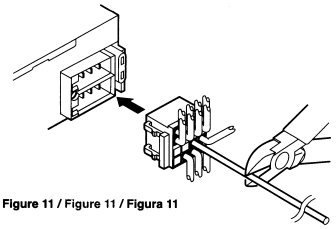


Figure 11 / Figure 11 / Figura 11

■ **Connecting the PHONE MUTE terminal**
The lead included with the unit must be connected to the specified position of the vehicle's ISO connector in order to use the **"triggered audio mute for cellular telephones"** function. (Figure 12)

■ **Connexion de la borne de sourdine de téléphone (PHONE MUTE)**
Le fil conducteur fourni avec l'appareil doit être connecté à la position spécifiée du connecteur ISO du véhicule afin d'utiliser la fonction de **"sourdine audio déclenchée pour des téléphones mobiles"**. (Figure 12)

■ **Conexión del terminal PHONE MUTE**
El cable incluido con la unidad debe ser conectado en la posición especificada del conector ISO del vehículo para usar la función **"tirador de silenciamiento de audio para teléfono celular"**. (Figura 12)

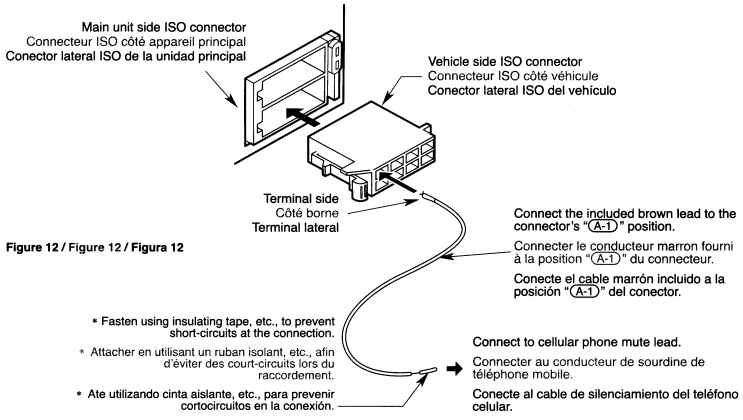

Main unit side ISO connector
Connecteur ISO côté appareil principal
Conector lateral ISO de la unidad principal
Vehicle side ISO connector
Connecteur ISO côté véhicule
Conector lateral ISO del vehículo
Terminal side
Côté borne
Terminal lateral
Connect the included brown lead to the connector's "A-1" position.
Connecter le conducteur marron fourni à la position "A-1" du connecteur.
Conecte el cable marrón incluido a la posición "A-1" del conector.
* Fasten using insulating tape, etc., to prevent short-circuits at the connection.
* Attacher en utilisant un ruban isolant, etc., afin d'éviter des court-circuits lors du raccordement.
* Ate utilizando cinta aislante, etc., para prevenir cortocircuitos en la conexión.
Connect to cellular phone mute lead.
Connecter au conducteur de sourdine de téléphone mobile.
Conecte al cable de silenciamiento del teléfono celular.

Figure 12 / Figure 12 / Figura 12

Note:
In certain VW and Opel/Vauxhall cars, the connector (A-1) is used as a speed-dependent volume control (GALA). Ask your authorized Clarion dealer to modify this connection if you want to use the telephone mute feature.

Remarque:
Dans certains véhicules VW es Opel/Vauxhall, le connecteur (A-1) est utilisé comme une commande de volume dépendant de la vitesse (GALA). Consulter le concessionnaire agréé Clarion pour modifier cette connexion si on veut utiliser la fonction de sourdine de téléphone.

Nota:
En algunos coches VW y Opel/Vauxhall, el conector (A-1) se usa como un control de volumen dependiente de la velocidad (GALA). Pida a su distribuidor autorizado de Clarion la modificación de esta conexión si quiere utilizar la prestación de silenciamiento del teléfono.

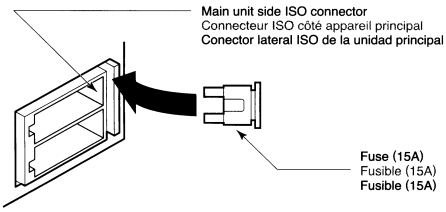
English Français Español

6. CAUTIONS ON WIRING / PRÉCAUTIONS AU SUJET DES CONNEXIONS / PRECAUCIONES PARA LA CONEXIÓN DE CABLES

■ 1. Be sure to turn the power off when wiring.
2. Be particularly careful where you route the wires. Keep them well away from the engine, exhaust pipe, etc. Heat may damage the wires.
3. If the fuse should blow, check that the wiring is correct. If it is, replace the fuse with a new one with the same amperage rating as the original one. (Figure 13)
4. When the main power supply fuse in the car is 15 A or less, purchase an automotive cable that can withstand 15 A and supply this unit with power directly from the battery to ensure that the unit will operate normally.
   Note that a fuse must be installed at a distance no longer than 30 cm from the cable battery terminal to prevent accidents.

■ 1. S'assurer de mettre l'appareil hors circuit avant de faire le câ blage.
2. Faire particulièrement attention lors de l'acheminement des fils. Les éloigner du moteur, des tuyaux d'échappement, etc. La chaleur risque d'endommager ces fils.
3. Si le fusible saute, vérifier si le câblage est correct. Si le fusible est grillé, le remplacer par un fusible neuf de même ampérage que le fusible d'origine. (Figure 13)
4. Si le fusible d'alimentation principale de la voiture est de 15 A ou moins, achetez un câble automobile qui peut supporter 15 A et alimenter cet appareil directement à partir de la batterie et assurer que l'appareil fonctionnera normalement.
   Notez qu'un fusible doit être installé à une distance de moins 30 cm de borne de la batterie pour éviter tout accident.

■ 1. Antes de hacer las conexiones, asegúrese de desconectar la alimentación de la unidad.
2. Sea especialmente cuidadoso al dirigir y fijar los cables. Manténgalos alejados del motor, tubo de escape, etc. El calor puede dañar los cables.
3. Si el fusible se quema, revise las conexiones. Si está quemado, reemplace el fusible por otro nuevo con el mismo valor de amperaje que el original. (Figura 13)
4. Cuando el fusible de alimentación principal del automóvil sea de 15 A o menos, adquiera un cable para automóvil que pueda resistir 15 A y alimente esta unidad directamente desde la batería para cerciorarse de que pueda funcionar normalmente.
   Tenga en cuenta que para evitar accidentes, deberá instalar un fusible en al cable que va a terminales de la batería a una distancia no superior a 30 cm.



* The position of the fuse differs from vehicle to vehicle. (Refer to Section 5)
* La position du fusible varie selon les véhicules. (Se référer à la section 5)
* La posición del fusible varía según el vehículo. (Consulte la sección 5)

Figure 13 / Figure 13 / Figura 13

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English Français Español

7. GENERAL CAUTIONS / PRÉCAUTIONS GÉNÉRALES / PRECAUCIONES GENERALES

1. Do not open the case. There are no user serviceable parts inside. If you drop anything into the unit during installation, consult your dealer or an authorized CLARION service center.
2. Use a soft, dry cloth to clean the case. Never use hard cloth, thinner, benzen, alcohol, etc. For tough dirt, apply a little cold or warm water to a soft cloth and wipe off the dirt gentry.

IMPORTANT:
Improper installation may cause damage to your unit or car. If you do not have the appropriate experience, consult a qualified installer. Cutting chassis wire leads voids the warranty.

1. Ne pas ouvrir le coffret. Il n'y a pas de pièces réparables par l'utilisateur à l'intérieur de l'appareil. Si un objet est tombé dans l'appareil pendant l'installation, consulter votre revendeur ou un service après-vente agréé CLARION.
2. Utiliser un chiffon doux et sec pour nettoyer le coffret, ne jamais utiliser un chiffon rigide, un diluant, du benzène, de l'alcool, etc. Pour enlever la saleté tenace, appliquer un peu d'eau froide ou tiède sur un chiffon doux et essuyer doucement la saleté.

IMPORTANT:
Une installation incorrecte peut endommager l'appareil ou le véhicule. Si l'on ne possède pas les connaissances requises, consulter un installateur qualifié. Couper le fil du châssis annule la garantie.

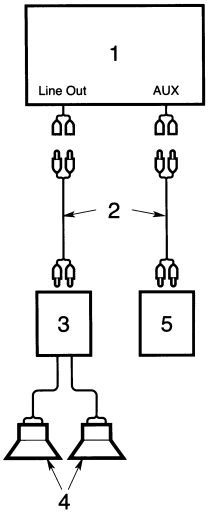
1. No abra la caja. En el interior no hay piezas que pueda reparar el usuario. Si dentro de la unidad entra algo durante la instalación, consulte a su proveedor o a un centro de servicio autorizado por CLARION.
2. Para limpiar la caja, utilice un paño suave y seco. no use nunca un paño duro, diluidor de pintura, benceno, alcohol, etc. Para la suciedad resistente, aplique un poco de agua fría o caliente a un paño suave y frote suavemente la parte sucia.

IMPORTANTE:
La instalación inapropiada puede causar daños en su unidad o su automóvil. Si usted no posee la experiencia apropiada, consulte a un instalador cualificado. El corte de los conductores de puesta a masa (carrocería) anulará la garantía.

English Français Español

8. SAMPLE SYSTEMS / EXEMPLES DE SYSTÉMES / EJEMPLOS DE SISTEMAS

- **Example of the system using an external amplifier (Audio visual)**
- **Exemple de système utilisant un amplificateur extérieur (Audio-visuel)**
- **Ejemplo de sistema utilizando un amplificador externo (Audiovisual)**



English

1	**Source unit**
2	**RCA extension cables (Sold separately)**
3	**2-channel power amplifier**
4	**Sub-woofers**
5	**External unit**

Français

1	**Appareil pilote**
2	**Câbles prolongateur RCA (Vendu séparément)**
3	**Amplificateur de puissance 2 canaux**
4	**Sub-woofers**
5	**Appareil externe**

Español

1	**Unidad fuente**
2	**Cables prolongadores RCA (Vendidos aparte)**
3	**Amplificador de potencia de 2 canales**
4	**Altavoces de subgraves**
5	**Unidad externo**

Clarion Co., Ltd.

English

■ *CLARION PRODUCT REGISTRATION INFORMATION*

For USA and Canada only

www.clarion.com

Dear Customer:

Congratulations on your purchase of a Clarion mobile electronic products. We are confident that you'll enjoy your Clarion experience.

There are many benefits to registering your product. We invite you to visit our website at **www.clarion.com** to register your Clarion product.

We have made product registration simple with our easy to use website. The registration form is short and easy to complete. Once you're registered, we can keep you informed of important product information.

Register at **www.clarion.com** - it's easy to keep your Clarion product up to date.

Français

■ *INFORMATIONS DE L'ENREGISTREMENT DE PRODUITS CLARION*

Pour les Étas Unis et le Canada seulement

www.clarion.com

Cher client:

Nous vous remercions d'avoir acheté ce produit électronique mobile Clarion. Nous sommes confiants que vous apprécierez votre expérience Clarion.

Il y a beaucoup d'avantage à enregistrer votre produits. Nous vous invitons à visiter notre site Web **www.clarion.com** pour enregistrer votre produit Clarion.

Nous avons facilité la tache d'enregistrement de produit simple et facile grâce à notre site Web. Le formulaire d'enregistrement est court et facile à compléter. Lorsque vous êtes enregistrer, nous pouvons vous tenir informé des informations important de produits.

Enregistrer à **www.clarion.com** - c'est facile de mettre à jour votre produit Clarion

Español

■ *INFORMACIÓN DEL REGISTRO DE PRODUCTO DE CLARION*

Para USA y Canada nomas

www.clarion.com

Querido Cliente:

Felicitaciones por su compra de producto electrónico móvil de Clarion. Estamos seguros que usted gozará de su experiencia con el producto de Clarion.

Hay muchas ventajas al registrar su producto. Le invitamos a que visite nuestro sitio en internet **www.clarion.com** para registrar su producto de Clarion.

Hemos hecho el registro de producto fácil en nuestro sitio. La forma de registro es corta y fácil de completar. Una vez que lo registre, podremos proporcionarle la información de su producto.

Registrese en **www.clarion.com** - es fácil mantener su producto de Clarion actualizado.

ADDITIONAL REQUEST
DEMANDE SUPPLÉMENTAIRE
PEDIDO ADICIONAL

English

9. TROUBLESHOOTING

Refer to the "**SD memory card**" on page 32 of original manual. The following words were added.

	Problem	Cause	Measure
SD memory card	MP3 files are unable to playback, display remains pause or loading.	Those MP3 files may be corrupted or do not encoded properly.	Use MP3 files encoded properly.

Refer to the "**BT Audio**" on page 33 of original manual. The following words were added.

	Problem	Cause	Measure
BT Audio	When I use 2 different devices at the same time, sometimes audio streaming or handsfree operations are not operating correctly.	Due to excessive *Bluetooth*® activity on a low bandwidth link. Some devices may affect other devices' normal operation if both are used at the same time.	Please disconnect the devices and connect either one of the devices only.

9. DÉPANNAGE

Référez-vous à la section "**Carte mémoire SD**" à la page 66 du manual d'origine. Le paragraphe suivant a été ajouté.

	Problème	Cause	Mesure
Carte mémoire SD	Il est impossible de lire les fichiers MP3, l'afficheur reste sur le mode pause ou chargement.	Il se peut que ces fichiers MP3 soient corrompus ou ne soient pas correctement codés.	Utilisez des fichiers MP3 correctement codés.

Français

Référez-vous à la section "**BT Audio**" à la page 67 du manual d'origine. Le paragraphe suivant a été ajouté.

	Problème	Cause	Mesure
BT Audio	Lorsque j'utilise 2 dispositifs différents en même temps, la lecture audio en continu ou les opérations en kit mains libres ne fonctionnent pas correctement.	Activité *Bluetooth*® excessive sur un lien de bande passante faible. Certains dispositifs peuvent affecter le fonctionnement normal d'autres dispositifs en cas d'utilisation simultanée.	Déconnectez les dispositifs et connectez seulement l'un ou l'autre.

9. LOCALIZACIÓN DE AVERÍAS

Consulte "**Tarjeta de memoria SD**" en la página 100 del manual original. Las siguientes palabras fueron añadidas.

	Problema	Causa	Solución
Tarjeta de memoria SD	No puede reproducir archivos MP3, la pantalla permanece en pausa o cargando.	Esos archivos MP3 pueden estar falsificados o no codificados correctamente.	Utilice archivos MP3 codificados correctamente.

Consulte "**BT Audio**" en la página 101 del manual original. Las siguientes palabras fueron añadidas.

	Problema	Causa	Solución
BT Audio	Si usa 2 dispositivos diferentes al mismo tiempo, puede ocurrir que el audio o el 'manos libres' no funcionen correctamente.	Debido a un exceso de actividad del *Bluetooth*® en un enlace de amplitud de banda bajo. Algunos dispositivos pueden afectar el normal funcionamiento de otros dispositivos si ambos son utilizados al mismo tiempo.	Por favor desconecte los dispositivos y conecte cada uno de los dispositivos de manera separada.

Clarion

GARANTIE LIMITÉE DE CLARION 2007

Pour le Canada et les États-Unis seulement

À moins d'une contre-indication, les produits Clarion achetés chez un revendeur Clarion autorisé sont garantis contre tous les défauts de matériaux et de mise en oeuvre pour une période d'un (1) an à compter de la date d'achat originelle. Les produits Clarion notés ci-dessous (**) sont garantis contre tous les défauts de matériaux et de mise en oeuvre pour une période de deux (2) ans à compter de la date d'achat originelle, lorsqu'achetés chez un revendeur Clarion autorisé **ET** lorsque l'installation du produit est effectuée par le revendeur.

** DRZ9255 DXZ775USB DXZ675USB DXZ575USB DFZ675MC DPX11500 DPX1800 DPX2250

Tous les câbles, fils et autres accessoires Clarion achetés chez un revendeur autorisé Clarion sont garantis contre tous les défauts de matériaux et de mise en oeuvre pour une période de 90 jours.

TOUS LES PRODUITS CLARION ACHETÉS CHEZ UN REVENDEUR NON AUTORISÉ PAR CLARION SONT SOUMIS AUX RESTRICTIONS DE GARANTIE SUPPLÉMENTAIRES DÉCRITES CI-DESSOUS.

Les conditions de cette garantie limitée et l'étendue de la responsabilité de Clarion Corporation of America (« Clarion ») d'après cette garantie limitée sont les suivantes :

1. **UNE PREUVE DE LA DATE D'ACHAT EST REQUISE POUR TOUTE RÉPARATION SOUS GARANTIE DE CE PRODUIT. DANS LE CAS D'UN PRODUIT LISTÉ CI-DESSUS, BÉNÉFICIANT DE LA GARANTIE LIMITÉE DE DEUX (2) ANS, UNE PREUVE DE LA DATE D'ACHAT ET UNE PREUVE QUE L'INSTALLATION A ÉTÉ EFFECTUÉE PAR UN REVENDEUR AUTORISÉ SONT REQUISES. TOUTE L'INFORMATION À PROPOS DES CENTRES DE SERVICES SOUS GARANTIE AUTORISÉS DE CLARION PEUT ÊTRE OBTENUE EN COMMUNIQUANT AUX ADRESSES LISTÉES CI-DESSOUS.**
2. Cette garantie limitée sera annulée pour tout dommage encouru lors d'une réparation effectuée par du personnel non autorisé par un centre de services sous garantie Clarion.
3. Cette garantie limitée ne s'applique pas aux produits négligés, accidentés ou ayant subi un usage incorrect, ou dont le numéro de série a été modifié, obstrué ou effacé, ou qui ont été raccordés, installés, ajustés ou réparés autrement qu'en suivant les instructions fournies par Clarion.
4. Cette garantie limitée ne couvre pas l'interférence électrostatique produite ou non par le véhicule, ni le nettoyage ou le réglage de la tête de lecture ou des éléments laser, ni les coûts de manutention pour le retrait ou la réinstallation du lecteur pour réparation.
5. La seule responsabilité de Clarion, d'après cette garantie limitée, est restreinte à la réparation du produit ou au remplacement du produit, à la discrétion absolue de Clarion.
6. Le produit doit être envoyé à Clarion dans son emballage original ou dans un emballage équivalent. Le colis doit être entièrement assuré et tous les frais de transport doivent être prépayés.
   Clarion n'assumera aucune responsabilité en cas de perte ou de dommages encourus lors du transport.
7. **LES PRODUITS CLARION ACHETÉS CHEZ UN REVENDEUR AUTRE QU'UN REVENDEUR CLARION AUTORISÉ, INCLUANT TOUS LES ACHATS EFFECTUÉS SUR INTERNET CHEZ UN REVENDEUR NON AUTORISÉ PAR CLARION, NE SONT PAS COUVERTS LES GARANTIES LIMITÉES DE CLARION ET CE, EN ACCORD AVEC LES LIMITES PRESCRITES PAR LA LOI. DANS LE CAS OÙ LES LOIS APPLICABLES NE PERMETTENT PAS L'ÉLIMINATION DES GARANTIES SOUS CES CONDITIONS, LA PÉRIODE DE GARANTIE LIMITÉE QUI S'APPLIQUE AU PRODUIT SERA DE QUINZE (15) JOURS À PARTIR DE LA DATE D'ACHAT ORIGINELLE.**
8. **AUCUNE GARANTIE IMPLICITE NE POURRA S'ÉTENDRE AU-DELÀ DE LA PÉRIODE DE GARANTIE DÉCRITE CI-DESSUS ET CE, EN ACCORD AVEC LES LIMITES PRESCRITES PAR LA LOI. CLARION NE POURRA EN AUCUN CAS ÊTRE TENUE RESPONSABLE DES PERTES OU DOMMAGES DIRECTS OU INDIRECTS ENCOURUS PAR L'USAGE DU PRODUIT OU L'IMPOSSIBILITÉ D'UTILISER LE PRODUIT. PUISQUE CERTAINS ÉTATS NE PERMETTENT PAS DE LIMITER LA DURÉE DES GARANTIES IMPLICITES, OU DE LIMITER LA RESPONSABILITÉ EN CAS DE DOMMAGES DIRECTS OU INDIRECTS, CES LIMITATIONS OU EXCLUSIONS PEUVENT NE PAS S'APPLIQUER À VOUS.**
9. **CETTE GARANTIE LIMITÉE VOUS OCTROIE DES DROITS LÉGAUX PRÉCIS.**
   VOUS POUVEZ POSSÉDER DES DROITS SUPPLÉMENTAIRES SELON VOTRE LIEU DE RÉSIDENCE.
10. Les lois de l'État de la Californie contrôlent totalement cette garantie limitée, son interprétation et sa mise en exécution.
11. Si vous éprouvez des problèmes de performance du produit pendant la période garantie, veuillez communiquer avec Clarion ou visitez notre site Web à l'adresse ci-dessous afin d'obtenir une liste des centres de service autorisés Clarion de votre région. N'hésitez pas à communiquer avec les Centres de service Clarion, aux adresses ci-dessous, afin d'obtenir une résolution de tout problème relié aux produits Clarion.

Aux États-Unis:
Clarion Corporation of America
Attn:Customer Service Manager
6200 Gateway Drive
Cypress, CA. 90630
1-800-GO-CLARION
www.clarion.com

Au Canada :
Clarion Canada Inc.
Centre de services sous garantie
2239 Winston Park Drive
Oakville, Ontario L6H 5R1
(905) 829-4600
www.clarioncanada.com

281-0632-02 2006/9

Clarion

CLARION 2007 LIMITED WARRANTY

For USA and Canada only

Except as noted, Clarion products purchased from an authorized Clarion dealer are warranted against all defects in materials and workmanship for a period of one (1) year from the date of original purchase.
The following Clarion products noted below ** are warranted against all defects in materials and workmanship for a two (2) year period from the date of original purchase when purchased from **AND** installed by an authorized Clarion dealer.

** DRZ9255 DXZ775USB DXZ675USB DXZ575USB DFZ675MC DPX11500 DPX1800 DPX2250

All Clarion cables, wires and other accessories if purchased from an authorized Clarion dealer are warranted against all defects in materials and workmanship for ninety (90) days from the date of original purchase.

ALL PURCHASES OF CLARION PRODUCTS FROM NON-AUTHORIZED CLARION DEALERS ARE SUBJECT TO FURTHER WARRANTY RESTRICTIONS AS DESCRIBED BELOW.

The conditions of this Limited Warranty and the extent of responsibility of Clarion Corporation of America ("Clarion") under this Limited Warranty are as follows:

1. **PROOF OF DATE OF PURCHASE FROM AN AUTHORIZED CLARION DEALER WILL BE REQUIRED FOR WARRANTY SERVICE OF THIS PRODUCT. IN THE CASE OF THE TWO (2) YEAR LIMITED WARRANTY FOR THE CLARION PRODUCTS NOTED ABOVE, PROOF OF DATE OF PURCHASE AND PROOF OF INSTALLATION BY AN AUTHORIZED CLARION DEALER IS REQUIRED. INFORMATION ABOUT CLARION AUTHORIZED WARRANTY SERVICE CENTERS MAY BE OBTAINED BY CONTACTING CLARION AT THE ADDRESS LISTED BELOW.**
2. This Limited Warranty will become void if service performed by anyone other than an approved Clarion Warranty Service Center results in damage to the products.
3. This Limited Warranty does not apply to any product which has been subject to misuse, neglect or accident, or which has had the serial number altered, defaced or removed, or which has been connected, installed, adjusted or repaired, other than in accordance with the instructions furnished by Clarion.
4. This Limited Warranty does not cover car static or other electrical interferences, tape head or laser pick-up cleaning or adjustments, or labor costs for the removal or reinstallation of the unit for repair.
5. The sole responsibility of Clarion under this Limited Warranty shall be limited to the repair of the products or replacement of the product, at the sole discretion of Clarion.
6. Product must be shipped in its original carton or equivalent carton, fully insured, with shipping charges prepaid. Clarion will not assume any responsibility for any loss or damage incurred in shipping.
7. **CLARION PRODUCTS PURCHASED FROM A SOURCE OTHER THAN AN AUTHORIZED CLARION DEALER, INCLUDING ANY AND ALL PURCHASES VIA THE INTERNET FROM A NON INTERNET AUTHORIZED CLARION DEALER, SHALL NOT BE COVERED BY ANY CLARION LIMITED WARRANTY TO THE EXTENT ALLOWED BY APPLICABLE LAW. IN THE EVENT AND TO THE EXTENT APPLICABLE LAW PROHIBITS ELIMINATION OF WARRANTIES UNDER THESE CIRCUMSTANCES, THE APPLICABLE LIMITED WARRANTY PERIOD SHALL BE DEEMED TO BE FIFTEEN (15) DAYS FROM THE DATE OF ORIGINAL PURCHASE.**
8. **ALL IMPLIED WARRANTIES EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW SHALL HAVE NO GREATER DURATION THAN THE WARRANTY PERIOD SET FORTH ABOVE. UNDER NO CIRCUMSTANCES SHALL CLARION BE LIABLE FOR ANY LOSS OR DAMAGE, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OR INABILITY TO USE THE PRODUCT. BECAUSE SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR EXCLUSIONS OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.**
9. **THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.**
10. The laws of the State of California shall govern and control this limited warranty, its interpretation and enforcement.
11. Should you have any difficulties with the performance of this product during the warranty period, please call Clarion or visit our web site for a listing of Authorized Warranty Service Centers in your area. You may also contact the Clarion Customer Service at the address listed below for any service help you may need with Clarion products.

In USA:
Clarion Corporation of America
Attn:Customer Service Manager
6200 Gateway Drive
Cypress, CA. 90630
1-800-GO-CLARION
www.clarion.com

In Canada :
Clarion Canada Inc.
Warranty Service Center
2239 Winston Park Drive
Oakville, Ontario L6H 5R1
(905) 829-4600
www.clarioncanada.com